

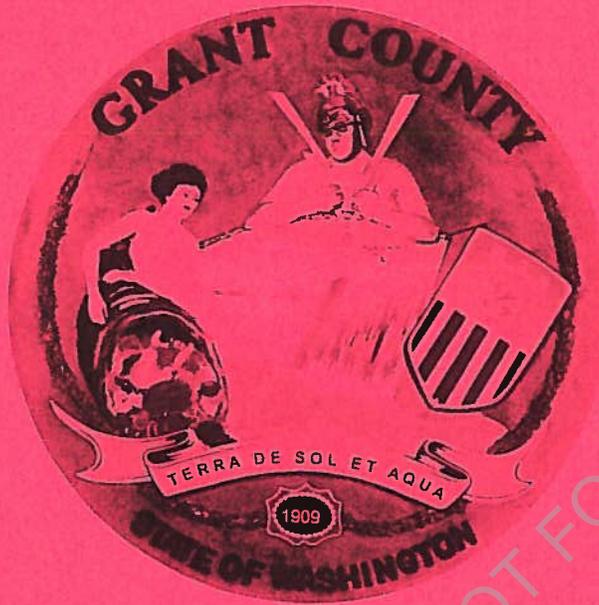
GRANT COUNTY PUBLIC WORKS DEPARTMENT

Jeff Tincher, 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) 787-2321

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

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

CONTRACT PROVISIONS and PLANS

For Construction of:

**7-NE
CRP 13-18**

Sealed Bids will be Opened on
May 13, 2014
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

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GRANT COUNTY PUBLIC WORKS

CRP 13-18

7-NE ROAD RECONSTRUCTION PROJECT

NOTICE TO ALL PLANHOLDERS

Grant County Department of Public Works may be contacted to answer questions regarding these bid documents and to show this project to prospective bidders at:

Grant County Department of Public Works
124 Enterprise St. S.E.
Ephrata, WA. 98823
Phone: (509)754-6082 Fax (509)754-6082

As the Engineer in direct responsible charge of developing these contract provisions, I certify these provisions have been developed or incorporated into this project under my direct supervision, or as a result of certified recommendations provided by other licensed professionals.



Jeffery C. Tincher P.E.
County Road Engineer

4/24/2014
Date

NOTICE TO CONTRACTORS

Sealed bids, plainly marked "**BID FOR 7-NE, CRP 13-18**", 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, May 13, 2014** and will then and there be opened and publicly read for the construction of the improvements.

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

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

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

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

The improvement for which bids will be received follows:

7-NE – CRP 13-18

This contract provides for the reconstruction of 3.06 miles of a county road in Grant County, WA, and includes rotomilling, roadway excavation, embankment, crushed surfacing base course, crushed surfacing top course, Hot Mix Asphalt, Polyester Polymer bridge deck overlay, retaining walls, drainage items, guardrail, paint lines, rumble lines, permanent signing, seeding, fertilizing, mulch, monuments, 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.

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1 **INTRODUCTION**

2 The following Amendments and Special Provisions shall be used in conjunction with the 2014
3 Standard Specifications for Road, Bridge, and Municipal Construction.

4

5

6 **AMENDMENTS TO THE STANDARD SPECIFICATIONS**

7

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

12

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

15 **Section 1-07, Legal Relations and Responsibilities to the Public**
16 **January 6, 2014**

17 **1-07.2 State Taxes**

18 This section is revised to read:

19

20 The Washington State Department of Revenue has issued special rules on the state sales
21 tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contracting
22 Agency will not adjust its payment if the Contractor bases a Bid on a misunderstood tax
23 liability.

24

25 The Contracting Agency may deduct from its payments to the Contractor, retainage or lien
26 the bond, in the amount the Contractor owes the State Department of Revenue, whether
27 the amount owed relates to the Contract in question or not. Any amount so deducted will be
28 paid into the proper State fund on the contractor's behalf. For additional information on tax
29 rates and application refer to applicable RCWs, WACs or the Department of Revenue's
30 website.

31

32 **1-07.2(1) State Sales Tax: Work Performed on City, County, or Federally-Owned**
33 **Land**

34 This section including title is revised to read:

35

36 **1-07.2(1) State Sales Tax: WAC 458-20-171 – Use Tax**

37 For Work designated as Rule 171, **Use Tax**, the Contractor shall include for compensation
38 the amount of any taxes paid in the various unit Bid prices or other Contract amounts.
39 Typically, these taxes are collected on materials incorporated into the project and items
40 such as the purchase or rental of; tools, machinery, equipment, or consumable supplies not
41 integrated into the project.

42

43 The Summary of Quantities in the Contract Plans identifies those parts of the project that
44 are subject to **Use Tax** under Section 1-07.2(1).

45

46 **1-07.2(2) State Sales Tax: Work on State-Owned or Private Land**

47 This section including title is revised to read:

48

49 **1-07.2(2) State Sales Tax: WAC 458-20-170 – Retail Sales Tax**
50 For Work designated as Rule 170, **Retail Sales Tax**, the Contractor shall collect from the
Contracting Agency, **Retail Sales Tax** on the full Contract price. The Contracting Agency

1 will automatically add this **Retail Sales Tax** to each payment to the Contractor and for this
2 reason; the Contractor shall not include the **Retail Sales Tax** in the unit Bid prices or in any
3 other Contract amount. However, the Contracting Agency will not provide additional
4 compensation to the Prime Contractor or Subcontractor for **Retail Sales Taxes** paid by the
5 Contractor in addition to the **Retail Sales Tax** on the total contract amount. Typically, these
6 taxes are collected on items such as the purchase or rental of; tools, machinery, equipment,
7 or consumable supplies not integrated into the project. Such sales taxes shall be included
8 in the unit Bid prices or in any other Contract amounts.

9
10 The Summary of Quantities in the Contract Plans identifies those parts of the project that
11 are subject to **Retail Sales Tax** under Section 1-07.2(2).

12
13 **1-07.2(3) Services**

14 This section is revised to read:

15
16 Any contract wholly for professional or other applicable services is generally not subject to
17 **Retail Sales Tax** and therefore the Contractor shall not collect **Retail Sales Tax** from the
18 Contracting Agency on those Contracts. Any incidental taxes paid as part of providing the
19 services shall be included in the payments under the contract.

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1 **SPECIAL PROVISIONS**

2
3 **INTRODUCTION**

4 The following Special Provisions are made a part of this contract and supersede any
5 conflicting provisions of the 2014 Standard Specifications for Road, Bridge and
6 Municipal Construction, and the foregoing Amendments to the Standard Specifications.

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

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

16
17
18 **General Special Provisions** are similar to Standard Specifications in that they typically
19 apply to many projects, usually in more than one Region. Usually, the only difference
20 from one project 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.
23 Region designations are as follows:

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

33
34
35 **Bridges and Structures Special Provisions** are similar to Standard Specifications in
36 that they typically apply to many projects, usually in more than one Region. Usually, the
37 only difference from one project to another is the inclusion of variable project data,
38 inserted as a "fill-in".

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

42
43
44 **DIVISION 1 GENERAL REQUIREMENTS**

45
46 **DEFINITIONS AND TERMS**

47
48 **1-01.3 Definitions**

49 This Section is supplemented with the following:

1
2 (*****)

3 The venue of all causes of action arising from the advertisement, award,
4 execution, and performance of the contract shall be in the Superior Court of
5 Grant County, Washington.

6
7 All references to "State" or "State of Washington" are changed to "Grant County,
8 Washington".

9
10 All references to "Commission", "Secretary of Transportation", or "Washington
11 State Transportation Commission", are changed to "Board of County
12 Commissioners, Grant County, Washington".

13
14 All references to "Department", or "Department of Transportation" are changed to
15 "Department of Public Works, Grant County, Washington".

16
17 All references to "Superior Court of Thurston County, Washington" are changed
18 to "Superior Court of Grant County, Washington".

19
20 **DESCRIPTION OF WORK**

21
22 (*****)

23 This contract provides for the reconstruction of 3.06 miles of a county road in Grant County,
24 WA, and includes rotomilling, roadway excavation, embankment, crushed surfacing base
25 course, crushed surfacing top course, Hot Mix Asphalt, Polyester Polymer bridge deck overlay,
26 retaining walls, drainage items, guardrail, paint lines, rumble lines, permanent signing, seeding,
27 fertilizing, mulch, monuments, and other work all in accordance with the attached Contract
28 Plans, these Contract Provisions and the Standard Specifications.

29
30 **BID PROCEDURES AND CONDITIONS**

31
32 **1-02.1 Prequalification of Bidders**

33 Delete this Section and replace it with the following:

34
35 1-02.1 Qualifications of Bidder

36
37 (*****)

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

40
41 Before award of a public works contract, a bidder must meet the following
42 responsibility criteria to be considered a responsible bidder and qualified to be
43 awarded a public works project. The bidder must:

- 44
45 (a) At the time of bid submittal, have a certificate of registration in compliance
46 with chapter 18.27 RCW;
47 (b) Have a current state unified business identifier number;
48 (c) If applicable, have industrial insurance coverage for the bidder's employees
49 working in Washington as required in Title 51 RCW; an employment security

- 1 department number as required in Title 50 RCW; and a state excise tax
2 registration number as required in Title 82 RCW; and
3 (d) Not be disqualified from bidding on any public works contract under RCW
4 39.06.010 or 39.12.065(3).
5 (e) Bidders shall be qualified by experience, financing, equipment, and
6 organization to do the work called for in the Contract Documents. The
7 Contracting Agency reserves the right to take whatever action it deems
8 necessary to ascertain the ability of the bidder to perform the work
9 satisfactorily. The Contracting Agency's actions may include a pre-
10 qualification procedure prior to the bidder being furnished a proposal form on
11 any contract, or a pre-award survey of the bidder's qualifications prior to
12 award.

14 **1-02.12 Public Opening Of Proposal**

15 Section 1-02.12 is supplemented with the following:

17 (*****)

18 Date Of Opening Bids

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

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

24 The bid opening date for this project is **May 13, 2014**. Bids received will be
25 publicly opened and read after **1:30 P.M.** on this date.

27 **1-02.13 Irregular Proposals**

28 (March 25, 2009 APWA GSP)

30 Revise item 1 to read:

- 31
- 32 1. A proposal will be considered irregular and will be rejected if:
 - 33 a. The bidder is not prequalified when so required;
 - 34 b. The authorized proposal form furnished by the Contracting Agency
35 is not used or is altered;
 - 36 c. The completed proposal form contains any unauthorized additions,
37 deletions, alternate bids, or conditions;
 - 38 d. The bidder adds provisions reserving the right to reject or accept
39 the award, or enter into the contract;
 - 40 e. A price per unit cannot be determined from the bid proposal;
 - 41 f. The proposal form is not properly executed;
 - 42 g. The bidder fails to submit or properly complete a subcontractor list,
43 if applicable, as required in Section 1 02.6.
 - 44 h. The bidder fails to submit or properly complete a Disadvantaged,
45 Minority or Women's Business Enterprise Certification, if applicable,
46 as required in Section 1-02.6;
 - 47 i. The bid proposal does not constitute a definite and unqualified offer
48 to meet the material terms of the bid invitation; or

- 1 j. More than one proposal is submitted for the same project from a
2 Bidder under the same or different names.
3

4 **1-02.14 Disqualification of Bidders**

5 (March 25, 2009 APWA GSP, Option B)
6

7 Delete this Section and replace it with the following:
8

9 A Bidder will be deemed not responsible if:

- 10 1. the Bidder does not meet the mandatory bidder responsibility
11 criteria in RCW 39.04.350(1), as amended; or
12 2. evidence of collusion exists with any other Bidder or potential
13 Bidder. Participants in collusion will be restricted from submitting
14 further bids; or
15 3. the Bidder, in the opinion of the Contracting Agency, is not qualified
16 for the work or to the full extent of the bid, or to the extent that the
17 bid exceeds the authorized prequalification amount as may have
18 been determined by a prequalification of the Bidder; or
19 4. an unsatisfactory performance record exists based on past or
20 current Contracting Agency work or for work done for others, as
21 judged from the standpoint of conduct of the work; workmanship; or
22 progress; affirmative action; equal employment opportunity
23 practices; termination for cause; or Disadvantaged Business
24 Enterprise, Minority Business Enterprise, or Women's Business
25 Enterprise utilization; or
26 5. there is uncompleted work (Contracting Agency or otherwise),
27 which in the opinion of the Contracting Agency might hinder or
28 prevent the prompt completion of the work bid upon; or
29 6. the Bidder failed to settle bills for labor or materials on past or
30 current contracts, unless there are extenuating circumstances
31 acceptable to the Contracting Agency; or
32 7. the Bidder has failed to complete a written public contract or has
33 been convicted of a crime arising from a previous public contract,
34 unless there are extenuating circumstances acceptable to the
35 Contracting Agency; or
36 8. the Bidder is unable, financially or otherwise, to perform the work,
37 in the opinion of the Contracting Agency; or
38 9. there are any other reasons deemed proper by the Contracting
39 Agency.
40

41 As evidence that the Bidder meets the bidder responsibility criteria above, the
42 apparent two lowest Bidders must submit to the Contracting Agency within 24
43 hours of the bid submittal deadline, documentation (sufficient in the sole
44 judgment of the Contracting Agency) demonstrating compliance with all
45 applicable responsibility criteria, including all documentation specifically listed in
46 the supplemental criteria. The Contracting Agency reserves the right to request
47 such documentation from other Bidders as well, and to request further
48 documentation as needed to assess bidder responsibility.
49

1 The basis for evaluation of Bidder compliance with these supplemental criteria
2 shall be any documents or facts obtained by Contracting Agency (whether from
3 the Bidder or third parties) which any reasonable owner would rely on for
4 determining such compliance, including but not limited to: (i) financial, historical,
5 or operational data from the Bidder; (ii) information obtained directly by the
6 Contracting Agency from owners for whom the Bidder has worked, or other
7 public agencies or private enterprises; and (iii) any additional information
8 obtained by the Contracting Agency which is believed to be relevant to the
9 matter.

10
11 If the Contracting Agency determines the Bidder does not meet the bidder
12 responsibility criteria above and is therefore not a responsible Bidder, the
13 Contracting Agency shall notify the Bidder in writing, with the reasons for its
14 determination. If the Bidder disagrees with this determination, it may appeal the
15 determination within 24 hours of receipt of the Contracting Agency's
16 determination by presenting its appeal to the Contracting Agency. The
17 Contracting Agency will consider the appeal before issuing its final determination.
18 If the final determination affirms that the Bidder is not responsible, the
19 Contracting Agency will not execute a contract with any other Bidder until at least
20 two business days after the Bidder determined to be not responsible has
21 received the final determination.

22 23 **CONTROL OF WORK**

24 25 **1-05.13 Superintendents, Labor and Equipment of Contractor**

26 (*****)

27
28 Revise the seventh paragraph to read:

29
30 Whenever the Contracting Agency evaluates the Contractor's qualifications
31 pursuant to Section 1-02.1 and 1-02.14, it will take these performance reports
32 into account.

33
34 **(March 13, 1995)**

35 **1-05.14 Cooperation With Other Contractors**

36 Section 1-05.14 is supplemented with the following:

37
38 Other Contracts Or Other Work

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

- 42
43 1. Utility relocations and/or normal maintenance work by telephone
44 and power companies.
45 2. Normal maintenance work by Grant County Road crews.
46 3. Normal maintenance work by irrigation district crews.
47
48

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

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1-07.2 State Taxes

Section 1-07.2 is supplemented with the following:

(March 13, 1995)

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

1-07.6 Permits and Licenses

Section 1-07.6 is supplemented with the following:

(March 13, 1995)

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

1-07.7 Load Limits

Section 1-07.7 is supplemented with the following:

(March 13, 1995)

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

1-07.13(4) Contractor's Responsibility for Work

(August 6, 2001)

Repair of Damage

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

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

1-07.16 Protection and Restoration of Property

Section 1-07.16 is supplemented with the following:

(*****)

Notification

The Contractor shall distribute a special notice to each project resident before beginning work. Project resident means any person, company, or public agency

1 having a driveway inside the project limits, within one mile of the project limits, or
2 having a driveway or access on a dead-end road within the project limits. The
3 special notice shall contain the 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
8 number.
- 9 • Scheduled project start and completion dates.
- 10 • Available detour routes.
- 11 • One-way traffic will be maintained during each working day.
- 12 • Two-way traffic will be restored at the end of each working day.
- 13 • All plants, trees, shrubs, gardens, sprinklers or structures within the limits
14 of construction will be removed. Residents are to be advised to remove
15 such property before work begins.
- 16 • Driveways will be restored to useable conditions at the end of each
17 working day, without exception.
- 18 • Mail service interruptions or relocations. Statement that the Contractor will
19 remove, temporarily relocate, and eventually reinstall mail receptacles.
20 Statement that mailboxes, posts, etc., damaged by the Contractor will be
21 replaced and installed at no charge to the resident.
- 22 • Possible problems with power, telephone, potable water, sewer, irrigation
23 supply relocations and/or interruptions, if any.
- 24 • Temporary fencing requirements for livestock, if any.
- 25 • Residents are responsible for driveway culvert maintenance.
- 26 • Request to irrigators to eliminate water on the roadway and in the borrow
27 ditches per Grant County Ordinance.

28
29 The Contractor must notify all affected Grant County agencies of the date and
30 anticipated length of all road closures, including school districts, fire districts,
31 Multi-Agency Communications Center (509) 762-1901, Sheriff's Dept. (509) 754-
32 2011, Emergency Management (509) 762-1462, and U.S. Postal Service offices.
33

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

40 The Contractor will be required to close 7-NE Road for a two (2) day period at
41 Bridge 215 to apply bridge overlay. When the schedule for this work has been
42 approved by the Contracting Agency, separate notification describing the details
43 of this closure to the residents and legal newspaper will be required a minimum
44 of three (3) working days prior to beginning closure.
45

46 (*****)

47 **Payment**

1 The lump sum contract price for "Notification" shall be full compensation for all
2 labor, equipment, materials, and tools necessary to perform the work outlined in
3 this supplemental section.
4

5 **1-07.17 Utilities And Similar Facilities**

6 Section 1-07.17 is supplemented with the following:
7

8 (*****)

9 Locations and dimensions shown in the Plans for existing facilities are in
10 accordance with available information obtained without uncovering, measuring,
11 or other verification.
12

13 Public and private utilities, or their Contractors, will furnish all work necessary to
14 adjust, relocate, replace, or construct their facilities unless otherwise provided for
15 in the Plans or these Special Provisions. Such adjustment, relocation,
16 replacement, or construction will be done during the prosecution of the work for
17 this project.
18

19 The Contractor shall call the Utility Location Request Center (One Call Center),
20 for field location, not less than two nor more than ten business days before the
21 scheduled date for commencement of excavation which may affect underground
22 utility facilities, unless otherwise agreed upon by the parties involved. A business
23 day is defined as any day other than Saturday, Sunday, or a legal local, State, or
24 Federal holiday. The telephone number for the One Call Center for this project is
25 1-800-424-5555. If no one-number locator service is available, notice shall be
26 provided individually to those owners known to or suspected of having
27 underground facilities within the area of proposed excavation.
28

29 The Contractor is alerted to the existence of Chapter 19.122 RCW, a law relating
30 to underground utilities. Any cost to the Contractor incurred as a result of this
31 law shall be at the Contractor's expense.
32

33 No excavation shall begin until all known facilities, in the vicinity of the excavation
34 area, have been located and marked.
35

36 The Contract can go to the following web site to find any changes to the
37 Washington dig law that take effect in 2013.

38 [http://www.utc.wa.gov/publicSafety/pipelineSafety/Pages/CallBeforeYouDig-
39 DigLaw.aspx](http://www.utc.wa.gov/publicSafety/pipelineSafety/Pages/CallBeforeYouDig-DigLaw.aspx)
40

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

- 44 • Grant County PUD, Jaime Esparza
45 30 C Street SW,
46 Ephrata, WA 98823, (509) 754-3451
- 47 • CenturyLink, Deborah Geist
48 N. 904 Columbus
49 Spokane, WA 99202, (509) 623-0321

- Cascade Natural Gas, Sam Grant
(509) 750-4269
- Phillips 66 Pipeline, Brian Thimmig
338 US Hwy 87 E
Billings, MT. 59101, (406) 339-2750

(*****)

Cooperation With Utilities

The Contractor shall be aware that Cascade Natural Gas and Phillips 66 Pipeline will be working on relocating their pipelines during the first 6 weeks of this contract. The work will be primarily located between station 70+00 and station 105+00. Work will involve relocating their pipe either in the ditch line of the new roadway section or within the traveled lane of the new roadway section. This work will begin immediately after the rotomilling process. The contract shall adjust their schedule accordingly to accommodate this work. No additional compensation will be provided for any delays caused by this work.

1-07.23 Public Convenience and Safety

Construction Under Traffic

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

(April 2, 2007)

Work Zone Clear Zone

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

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

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

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

1 Deviation from the above requirements shall not occur unless the
2 Contractor has requested the deviation in writing and the Engineer has
3 provided written approval.
4

5 Minimum WZCZ distances are measured from the edge of traveled way
6 and will be determined as follows:
7

8 Minimum Work Zone Clear Zone Distance

9	10 <u>Posted Speed</u>	11 <u>Distance From Traveled Way (Feet)</u>
12	35 mph or less	10 *
13	40 mph	15
14	45 to 55 mph	20
15	60 mph or greater	30

16 * or 2-feet beyond the outside edge of sidewalk
17

18 PROSECUTION AND PROGRESS

19 1-08.1 Subcontracting

20 Section 1-08.1 is supplemented with the following:
21

22 (October 12, 1998)
23

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

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

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

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

47 1-08.4 Prosecution Of Work

48

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

2
3 (*****)

4 The Contractor shall begin work on June 9, 2014, unless otherwise
5 approved by the Engineer.
6

7 **1-08.5 Time For Completion**

8
9 The third paragraph of Section 1-08.5 is revised to read:

10
11 (*****)

12 Contract time shall begin on the first working day. The first working day
13 shall be June 9, 2014, unless otherwise approved by the Engineer.
14

15 Section 1-08.5 is supplemented with the following:

16
17 (*****)

18 This project shall be physically completed within **60** working days.
19

20 Should the Contractor desire to perform work on any Saturday, Sunday, or
21 Holiday during the life of this contract, he shall request written permission from
22 the Engineer after submitting a new work schedule specifying the exact dates on
23 which the work is to be performed.
24

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

31 The Engineer will consider the Contractor's request and may either approve or
32 deny any or all working dates or shifts contained in the new progress schedule.
33 **If permission is given, all costs incurred by Grant County for work on these**
34 **days will be deducted from the contractors next pay estimate.**
35

36 No additional compensation will be given the Contractor for any delays and costs
37 incurred because of this provision. All costs incurred shall be considered
38 incidental to and included in other applicable contract items.
39

40 **MEASUREMENT AND PAYMENT**

41
42 (March 13, 1995)

43 **1-09.9 Payments**

44 Section 1-09.9 is supplemented with the following:
45

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

1 Section 1-04.4.

- 2
3 1. Roadway Excavation incl. Haul
4 2. Embankment Compaction
5

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

12
13 The unit contract price for these items shall be full pay to construct and complete
14 this portion of the work.
15

16
17 **TEMPORARY TRAFFIC CONTROL**

18
19 **1-10.2 Traffic Control Management**

20
21 **General**

22
23 (December 1, 2008)

24 Section 1-10.2(1) is supplemented with the following:
25

26 Only training with WSDOT TCS card and WSDOT training curriculum is
27 recognized in the State of Washington. The Traffic Control Supervisor
28 shall be certified by one of the following:
29

30 The Northwest Laborers-Employers Training Trust
31 27055 Ohio Ave.
32 Kingston, WA 98346
33 (360) 297-3035
34

35 Evergreen Safety Council
36 401 Pontius Ave. N.
37 Seattle, WA 98109
38 1-800-521-0778 or (206) 382-4090
39

40 The American Traffic Safety Services Association
41 15 Riverside Parkway, Suite 100
42 Fredericksburg, Virginia 22406-1022
43 Training Dept. Toll Free (877) 642-4637
44 Phone: (540) 368-1701
45

46 **1-10.22 Traffic Control Plans**

47
48 Section 1-10.2(2) is supplemented with the following:
49

1 (*****)

2 The County has provided the Traffic Sign Plan and the applicable Standard "K"
3 plan(s) for this project and said plan(s) are included in these specifications and is
4 made part of this contract.

5
6 The work contemplated in this contract will require the Contractor to take special
7 precautions in developing and implementing safe traffic control procedures in
8 accordance with the MUTCD. The Contractor's attention is directed to WAC 296-
9 155-305 as it relates to signing, signaling and flaggers. All questions concerning
10 new standards should be directed to the Wash. State Dept. of Labor and
11 Industries.

12
13 The Contractor will not be permitted to close Road 7-NE within the project limits.
14 One way traffic must be kept open during working hours and two-way traffic
15 restored at the end of each working day. Access to County road intersections,
16 local farms and residences shall be kept open at all times. The only exception to
17 this will be the two (2) day closure required for Bridge 215 at the bridge location.
18 Traffic access to driveways and intersections on either side of the bridge shall be
19 allowed during the closure.

20
21 **1-10.3 Traffic Control Labor, Procedures and Devices**

22
23 **1-10.3(3) Traffic Control Devices**

24
25 **Construction Signs**

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

27
28 (*****)

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

34
35 Signs shall be returned to Grant County Sign Shop by the Contractor when their
36 need has ceased as determined by the Engineer. The value of signs furnished
37 by the Contracting Agency to the Contractor is fixed at \$10.00 per square foot.
38 The value of such signs which are damaged or not returned as provided in
39 Section 1-10.3(3)A will be deducted from payment due or to become due the
40 Contractor.

41
42 **Wood Sign Posts**

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

45
46 **One Post Installation**

<u>Post Size</u>	<u>Min. Sign Sq. Ft.</u>	<u>Max Sign Sq. Ft.</u>
4x4	-	16.0

1	4x6	17.0	20.0
2	6x6	21.0	25.0
3	6x8	26.0	31.0

Two Post Installation
(For signs 5 feet or greater in width)

	<u>Post Size</u>	<u>Min. Sign Sq. Ft.</u>	<u>Max Sign Sq. Ft.</u>
8	4x4	-	16.0
9	4x6	17.0	36.0
10	6x6	37.0	46.0
11	6x8	47.0	75.0 *

* The Engineer will determine the post size for signs greater than 75 square feet.

Barricades

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

(*****)

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

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

1-10.4 Measurement

(*****)

Section 1-10.4 is supplemented with the following:

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

1-10.5 Payment

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

(*****)

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

DIVISION 2 EARTHWORK

CLEARING, GRUBBING, AND ROADSIDE CLEANUP

1
2 **2-01.1 Description**

3 Section 2-01.1 is supplemented with the following:
4

5 (March 13, 1995)

6 Clearing and grubbing on this project shall be performed within the following
7 limits:

8
9 Road 7-NE – Sta.10+00 to 174+50

10 Road M-NE – Sta. 10+17 to 3+50
11

12 **REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

13
14 **2-02.3 Construction Requirements**

15 Section 2-02.3 is supplemented with the following:
16

17 (February 17, 1998)

18 **Removal of Obstructions**

19 Existing wooden wing walls and concrete bollards at Bridge #215 shall be
20 removed prior to construction of new retaining walls. Bollards (expected
21 to be between 6' and 8' in total length) and large timbers are present in
22 varying arrangements at each quadrant of the bridge. These
23 arrangements are not detailed in the contract and shall be the Contractors
24 responsibility to inspect prior to bidding. Removal of these obstructions
25 may be done in conjunction with structure excavation of new retaining
26 walls. Once removed, obstructions shall become property of the
27 Contractor and removed from the project site.
28

29 **Removal of Pavement, Sidewalks, and Curbs**

30 Section 2-02.3(3) is supplemented with the following:
31

32 (*****)

33 **Rotomilling Bituminous Pavement**

34 The Contractor shall rotomill all existing bituminous pavements. The
35 Contractor shall provide equipment capable of producing planings 2
36 inches in diameter or smaller. All sections planed on any given day shall
37 be uniformly spread, watered, and re-compacted to a non-yielding surface
38 over the existing subgrade by the end of the work day and re-graded, if
39 necessary, to the staked line and grade before placement of crushed
40 surfacing materials.
41

42 The equipment used to rotomill existing bituminous pavements shall be
43 capable of rotomilling a minimum of 72" in a single pass, capable of
44 working at a mixing depth of at least 6" without producing skips and work
45 at a traveling speed of 1 mph or more.
46

47 **2-02.5 Payment**

48 Section 2-02.5 is supplemented with the following:
49

1 "Rotomilling Bituminous Pavement", per square yard.

2
3 **ROADWAY EXCAVATION AND EMBANKMENT**

4
5 **2-03.3 Construction Requirements**

6
7 **2-03.3(7)A Disposal Of Surplus Material**

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

9
10 (*****)

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

13
14 **CONSTRUCTION GEOSYNTHETIC**

15
16 **2-12.2 Materials**

17 Section 2-12.2 is supplemented with the following:

18
19 (*****)

20 Section Product shall be TenCate Mirafi ® HP570 Woven Polypropylene
21 Geotextile or NTPEP approved equal product.

22
23 **2-12.3 Construction requirements**

24 Section 2-12.3 is supplemented with the following

25
26 (*****)

27 The Contractor shall perform structure excavation to the limits shown on the
28 plans on the Bridge approaches. Woven Geotextile fabric shall be placed in
29 sections between each surfacing layer and be approved by the Engineer prior to
30 placement of the next layer. Overlaps shall be 2' minimum for all joints.

31
32 **2-12.4 Measurement**

33 Section 2-12.4 is supplemented with the following

34
35 (*****)

36 Construction Geotextile for Separation will be measured by the square yard for
37 the perimeter of ground surface actually covered.

38
39 **DIVISION 4 BASES**

40
41 **4-04 BALLAST AND CRUSHED SURFACING**

42
43 **4-04.3 Construction Requirements**

44
45 **4-04.3(1) Equipment**

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

47
48 (*****)

1 All equipment necessary for the satisfactory performance of this
2 construction shall be on the project and approved by the Engineer prior to
3 beginning work. The Contractor will be required to demonstrate that
4 equipment of sufficient size, number, and reliability has been provided to
5 meet the project schedule submitted by the Contractor, if requested by the
6 Engineer.

8 **4-04.3(4) Placing and Spreading**

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

11
12 (*****)

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

17
18 The Contractor will place the material in such a way as to minimize the
19 impact of the hauling vehicles. Hauling over any of the surfacing materials
20 prior to processing shall not be permitted.

22 **4-04.3(7) Miscellaneous Requirement**

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

25
26 (*****)

27 Each course of surfacing material shall be placed in its entirety before
28 placing the succeeding course unless otherwise authorized by the
29 Engineer. The Contractor shall repair any segregated areas by
30 reprocessing the effected section of each course before placing any
31 additional material.

32 **DIVISION 6 STRUCTURES**

35 **6-09 MODIFIED CONCRETE OVERLAYS**

37 **6-09 Concrete Overlay Mixes**

38 Section 6-09.3(3) is supplemented with the following:

39
40 (BSP December 2, 2002)

41 **Polyester Concrete**

42 The Contractor shall use polyester concrete for the total concrete overlay
43 operation. Use of latex modified concrete (LMC), fly ash modified concrete
44 (FMC) or microsilica modified concrete (MMC) will not be allowed.

45
46 Polyester concrete shall consist of the following three components - polyester
47 resin binder, HMWM resin, and combined aggregate, in accordance with Section
48 6-09.2 as supplemented in these Special Provisions. The Contractor shall submit
49 the mix design for the polyester concrete to the Engineer for approval. The mix
50 design shall include a recommended initiator percentage for the expected

1 application temperature. The polyester resin binder shall be approximately 12
2 percent by weight of the dry combined aggregate. The Contractor shall not begin
3 the trial overlay of the polyester concrete, as specified in Section 6-09.3(8) as
4 supplemented in these Special Provisions, until receiving the Engineer's approval
5 of the polyester concrete mix design.

6
7 (BSP December 2, 2002)

8 ***Deck Repair Concrete for Polyester Concrete Overlays***

9 Patching concrete for further deck preparation in accordance with Section 6-
10 09.3(6) shall be the polyester concrete mix used for the overlay.

11
12 (*****)

13 As an alternative to use of polyester concrete for further deck preparation repair
14 material, the Contractor may use either PCC Easy Patch Standard Mix or PCC
15 Easy Patch Fine Mix as manufactured by:

16
17 KwikBond Polymers, inc.
18 923 Teal Drive
19 Benicia, CA 94510
20 (866) 434-1772
21 FAX: (707) 746-7981
22 www.kwikbondpolymers.com

23
24 **6-09.3(4) Storing and Handling**

25 Section 6-09.3(4) is supplemented with the following:

26
27 (BSP December 2, 2002)

28 ***Storing and Handling of Polyester Concrete Materials***

29 All materials shall be delivered in their original containers bearing the
30 manufacturer's label, specifying date of manufacturing, batch number, trade
31 name brand, quantity, and mixing ratio. Each shipment of polyester resin binder
32 and HMWM resin shall be accompanied by a current Safety Data Sheet (SDS).

33
34 The material shall be stored to prevent damage by the elements and to ensure
35 the preservation of their quality and fitness for the work. The storage space shall
36 be kept clean and dry, and shall contain a high-low thermometer. The
37 temperatures of the storage space shall not fall below nor rise above that
38 recommended by the manufacturer. Every precaution shall be taken to avoid
39 contact with flame.

40
41 Stored materials shall be inspected prior to their use, and shall meet the
42 requirements of these Special Provisions at the time of use.

43
44 Any material which is rejected because of failure to meet the required tests or
45 that has been damaged so as to cause rejections shall be immediately replaced
46 at no additional expense to the Contracting Agency.

47
48 Sufficient material to perform the entire polyester concrete overlay application
49 shall be in storage at the site prior to any field preparation, so that there shall be
50 no delay in procuring the materials for each day's application.

1
2 Appropriate impermeable protective garments shall be used by all workers who
3 may contact the resin or initiators to prevent skin contact. If skin contact occurs,
4 the resin or initiators shall be immediately washed off. Clothing that becomes
5 saturated with resin shall be removed immediately. All personnel working with
6 the polyester concrete shall be issued suitable approved organic vapor
7 respirators in addition to other appropriate protection equipment.

8
9 **6-09.3(5) Scarifying Concrete Surface**

10 Section 6-09.3(5) is supplemented with the following:

11
12 (*****)

13 The Contractor shall use Shot Blasting equipment for scarifying concrete
14 surfaces of Bridge No. 215 on 7 NE. The use of a rotary milling or hydro-
15 demolition machines will not be allowed for scarification. The machine shall be
16 similar to a Blast Track shot blaster or a Disa Goff Roadabrator with a pass
17 capability of 24"-30" minimum. The Contractor shall inform the Engineer of the
18 type of machine selected in accordance with Section 6-09.3(2).

19
20 Any unconfined material resulting from scarification, blasting shot, possible
21 cleaning or concrete process water generated by scarifying concrete surface
22 operations, and/or water used for flood testing of completed expansion joints,
23 shall be contained, collected and disposed of in accordance with Section 5-
24 01.3(11) and Section 6-09.3(5)C and the Section 6-09.3(2) Runoff Water
25 Disposal Plan as approved by the Engineer. Under no circumstance will any
26 unconfined material be allowed to enter the water way below the bridge. Bridge
27 drains shall be plugged to the satisfaction of the engineer prior to scarification.

28
29 A small amount of Asphalt Concrete Pavement on the deck of the bridge shall
30 also be removed prior to scarification (Approx. 1-3' wide X 24' long). Rotary
31 milling is acceptable for this removal as to not affect the concrete surface.
32 Scarification shall take place below the ACP after grinding as described above.

33
34 **6-09.3(8) Quality Assurance**

35 Section 6-09.3(8) is supplemented with the following:

36
37 (*****)

38 **Quality Assurance For Polyester Concrete Overlay**

39 The Contractor shall arrange to have the suppliers of the polyester resin binder
40 and HMWM resin furnish technical service relating to application of material and
41 health and safety training for personnel who are to handle the polyester concrete
42 and the HMWM resin prime coat.

43
44 On-site supervisors, and all personnel operating the mobile mixer and finishing
45 machines, shall have successful previous experience in mixing and placing
46 polyester concrete overlay. Documentation of project experience with polyester
47 concrete overlay shall include the name and location of the project, the
48 Contracting Agency of the project, the area quantity of overlay placed, and the
49 name and current phone number of the Contracting Agency's contact
50 person for the referenced project. When the polyester concrete overlay work

1 has been scheduled for application by the Contractor or Subcontractor, the
2 Contractor shall attend a **Preconstruction Meeting** with the Contracting Agency
3 per Section 6-02.3(10)A. Specialized On-site supervisor(s) in the Polyester
4 Concrete Work as described in these special provisions shall be in attendance.
5 Contractor's plan for crown correction method will be discussed at this meeting
6 and submitted to the Engineer for review prior to pour.
7

9 **6-09.3(9) Mixing Concrete for Concrete Overlay**

10 Section 6-09.3(9) is supplemented with the following:

11 (BSP January 27, 2003)

12 **Mixing Polyester Concrete**

13 Polyester concrete shall be mixed in mobile mixers conforming to Section 6-
14 09.3(1) as supplemented in these Special Provisions, and in accordance with the
15 mix design approved by the Engineer.
16

17
18 The polyester resin binder in the polyester concrete shall be approximately 12
19 percent by weight of the dry aggregate. The Contractor shall determine the exact
20 percentage as approved by the Engineer.
21

22 The amount of peroxide initiator used shall result in a polyester concrete set time
23 between 30 and 120 minutes during placement as determined by California Test
24 551, Part 2, "Method of Test For Determination of Set Time of Concrete Overlay
25 and Patching Materials by Gillmore Needles." Accelerators or inhibitors may be
26 required as recommended by the polyester resin binder supplier and as
27 approved by the Engineer.
28

29 The polyester resin binder shall be initiated and thoroughly blended just prior to
30 mixing the aggregate and binder. The polyester concrete shall be thoroughly
31 mixed prior to placing.
32

33 **6-09.3(10) Overlay Profile and Screed Rails**

34 Section 6-09.3(10) is supplemented with the following:

35 (BSP January 27, 2003)

36 The minimum thickness of polyester concrete overlay shall be 3/4 inches on
37 average, except as otherwise shown in the Plans or adjusted by the Engineer.
38 Crown correction to approximately 0.83% is desired. See "Bridge Deck Elevation
39 Table" in appendices for existing bridge elevation table and desired crown
40 correction details for variable overlay thicknesses to achieve a more uniform
41 crown.
42

43 **6-09.3(11) Placing Concrete Overlay**

44 Section 6-09.3(11) is supplemented with the following:

45 (BSP April 7, 2008)

46 **Placing Polyester Concrete Overlay**

47 Application of the HMWM prime coat and the polyester concrete overlay shall not
48
49

1 begin if rain is expected. The area receiving the prime coat shall be dry and had
2 no rain for at least 24 hours. Immediately prior to applying the prime coat, the
3 surface receiving the prime coat shall be swept clean by compressed air to
4 remove accumulated dust and any other loose material. If the surface receiving
5 the HMWM prime coat and polyester concrete has been exposed to moisture
6 within the previous 12 hours, it shall be thoroughly dried using a heat lance prior
7 to placement of the HMWM prime coat.

8
9 The concrete bridge deck surface temperature shall be between 50°F and 85°F
10 when the prime coat is applied. The prepared concrete surface shall receive
11 one coat of promoted/initiated wax-free HMWM resin. The promoted/initiated
12 HMWM resin primer shall be worked into the concrete in a manner to effect
13 complete coverage of the area. A one pint sample of each batch of
14 promoted/initiated HMWM resin shall be retained and submitted to the Engineer
15 at the time of primer application to verify proper catalyzation. Under no
16 circumstances shall any resin be allowed to run into drains and expansion joints,
17 or otherwise escape the Contractor's collection and containment system.

18
19 If the HMWM primed surface becomes contaminated, the contaminated area
20 shall be cleaned by abrasive blasting and re-primed at no additional expense to
21 the Contracting Agency.

22
23 The HMWM prime coat shall cure for a minimum of 30 minutes before placing the
24 polyester concrete overlay. Placement of the polymer concrete shall not proceed
25 until the Engineer verifies that the HMWM resin was properly promoted and
26 initiated, as evidenced by the HMWM batch sample.

27
28 The polyester concrete shall be placed on the liquid or hardened HMWM prime
29 coat within two hours of placing prime coat. Polyester concrete shall be placed
30 prior to gelling and within 15 minutes following initiation, whichever occurs first.
31 Polyester concrete that is not placed within this time shall be discarded.

32
33 If, for any reason, polyester concrete is not placed over the prime coat within the
34 two hour time limit, the Contractor shall apply a fresh coat of HMVM resin primer
35 immediately followed by an abrasive sand finish coating. The abrasive sand
36 finish shall be broadcast onto the surface to affect a uniform coverage of a
37 minimum of 0.8 pounds per square yard. Prior to applying the polyester concrete
38 overlay, the surface shall be re-cleaned in accordance with Section 6-09.3(7).

39
40 The Contractor shall place the overlay in accordance with flatness requirements
41 in Section 6-02.3(10)D, using a 10-foot straightedge, with any deviation of more
42 than 1/8 inch corrected immediately prior to curing.

43
44 Expansion joints shall be adequately isolated prior to placing the overlay as
45 approved by the Engineer. Saw cutting at bridge expansion joints will not be
46 allowed.

47
48 The surface temperature of the area receiving the polyester concrete shall be the
49 same as specified above for the HMWM prime coat.

1
2 The polyester concrete shall be consolidated to a relative compaction of not less
3 than 97 percent.

4
5 **6-09.3(12) Finishing Concrete Overlay**

6 Section 6-09.3(12) is supplemented with the following:

7
8 (BSP August 1, 2005)

9 ***Finishing Polyester Concrete Overlay***

10 The finished surface of the polyester concrete overlay shall conform to Section 6-
11 02.3(10).

12
13 The polyester concrete shall be struck off to the established grade and cross
14 section and consolidated to the required compaction. No further texturing and
15 grooving of the finish overlay surface will be required. Forms shall be coated with
16 suitable bond release agent to permit ready release of forms.

17
18 The polyester concrete overlay shall receive an abrasive sand finish. The sand
19 finish shall be applied immediately after overlay strike-off and before gelling
20 occurs.

21
22 The surface texture of polyester concrete surface shall be uniform and shall have
23 a friction number of not less than 35 as determined by ASTM E 274.

24
25 After initial finishing, the polyester overlay may require grinding of rough areas as
26 determined by the Engineer. The grinding shall be done in a manner that will not
27 damage the existing bridge deck. Rotary milling machines are not allowed.

28
29 The Contractor shall demonstrate to the satisfaction of the Engineer that the
30 method and equipment for grinding the polyester overlay are adequate for the
31 intended purpose and will provide satisfactory results. The removal shall not
32 commence until the Contractor receives the Engineer's approval of the grinding
33 equipment.

34
35 The bridge deck areas specified by the Engineer to receive grinding shall be
36 ground in a longitudinal direction. The grinding equipment shall use diamond
37 tipped saw blades mounted on a power driven, self-propelled machine that is
38 specifically designed to texture concrete surfaces. The grinding equipment shall
39 have a blade spacing to provide grooves that are between 0.10 and 0.15 inches
40 wide. The land area between the grooves shall be approximately 0.125 inches.

41
42 The Contractor shall contain, collect, and dispose of all concrete debris
43 generated by the grinding operation in accordance with Item 2 of the polyester
44 concrete submittal in Section 6-09.3(2) as supplemented in these Special
45 Provisions.

46
47 Prior to opening the overlay area to vehicular traffic the finished overlay shall be
48 power swept to remove excess loose aggregate and abrasive sand. The
49 Contractor shall demonstrate to the satisfaction of the Engineer that the power
50 broom equipment will not damage the finished overlay. Any damage to the

1 finished overlay caused by the power broom shall be repaired at no additional
2 expense to the Contracting Agency.

3
4 (*****)

5 ***Project Specific Finishing Requirements for Bridge No. 215***

6 The Contractor shall texture the full width of the overlay surface, except for the 1'-
7 0" wide strip immediately adjacent to the exiting bridge traffic barrier curb line and
8 the tapered depressions surrounding each existing bridge drain. The 1'-0" wide
9 strip adjacent to the existing bridge traffic barrier curb line and the tapered
10 depressions surrounding each existing bridge drain shall be hand finished with a
11 steel or magnesium trowel. Bridge drains shall be plugged to the satisfaction of
12 the Engineer to ensure that no material enters the waterway.

13
14 The grinding depth of rough areas after initial finishing, as specified above, shall
15 not exceed the tolerance for the minimum final grade profile.

16
17 **6-09.3(13) Curing Concrete Overlay**

18 Section 6-09.3(13) is supplemented with the following:

19
20 (*****)

21 ***Curing Polyester Concrete***

22 Traffic and equipment shall not be permitted on the polyester overlay for at least
23 four hours and until the polyester overlay has reached a minimum compressive
24 strength of 3,000 psi as verified by the rebound number determined in
25 accordance with ASTM C 805. Contractor shall provide a rebound hammer and
26 qualified personnel to test compressive strength of hardened polyester concrete
27 in the presence of the Contracting Agency. Contractor shall follow WSDOT FOP
28 for C 805 as outlined in the WSDOT Construction Manual.

29
30 Areas in the polyester concrete that do not totally cure, or that fail to attain the
31 minimum compressive strength specified above, shall be removed and replaced
32 with new polyester concrete material by the Contractor, at no additional expense
33 to the Contracting Agency.

34
35 **6-09.3(14) Checking For Bond**

36 Section 6-09.3(14) is supplemented with the following:

37
38 (BSP December 2, 2002)

39 ***Checking Polyester Concrete For Bond***

40 After the requirements for curing have been met, the entire overlaid surface shall
41 be sounded by the Contractor, in a manner approved by and in the presence of
42 the Engineer, to ensure total bond of the concrete to the bridge deck. Polyester
43 concrete in unbonded areas shall be removed and replaced with polyester
44 concrete by the Contractor, at no additional expense to the Contracting Agency.

45
46 All cracks, except those that are significant enough to require removal as
47 determined by the Engineer, shall be thoroughly filled and sealed with HMWM
48 resin. Cracks 1/16 inch and greater in width shall receive two applications of
49 HMWM resin. Immediately following the application of HMWM resin, the wetted
50 surface shall be coated with sand for abrasive finish.

1
2 **6-09.4 Measurement**

3 Section 6-09.4 is supplemented with the following:

4
5 (BSP December 2, 2002)

6 Polyester concrete overlay will be measured by the square yard of overlay
7 surface actually placed, finished, and cured.

8
9 **6-09.5 Payment**

10 Section 6-09.5 is supplemented with the following:

11
12 (BSP December 2, 2002)

13 "Polyester Concrete Overlay", per square yard.

14 The unit contract price per square yard for "Polyester Concrete Overlay" shall be
15 full pay for performing the work as specified, including removal of ACP from
16 existing bridge, scarifying existing bridge, placing, finishing, and curing the
17 overlay, checking for bond, and rebound hammer testing.

18
19 Polyester concrete overlay placed in excess of the thickness specified in the
20 Plans due to rutting or other surface irregularities in the bridge deck or excess
21 grinding in scarifying the concrete surface shall be considered incidental to the
22 unit Contract price per square yard for "Polyester Concrete Overlay".

23
24 All costs in connection with removing unbounded polyester concrete and
25 replacing with fresh polyester concrete, up to a maximum quantity of 13.0 square
26 yards per bridge, shall be included in the unit Contract price per square yard for
27 "Polyester Concrete Overlay".

28
29 **6-11 Reinforced Concrete Walls**

30
31 **6-11.3 Construction requirements**

32 Section 6-11.3 is supplemented with the following

33
34 (*****)

35 The Contractor shall place concrete retaining walls as shown in the plans and as
36 staked by the Engineer. If wall is staked to be set at an angle (5° to 15° off
37 horizontal from bridge pier), field bending of embedded and epoxied rebar in
38 existing pier shall conform to Section 6-02.3(24(A)).

39
40 In order to ensure concrete and reinforcement are extended to existing pier and
41 I-beam, hand excavation may be required below existing retaining wall and pier
42 cap. This work shall be included in structure excavation for retaining wall.

43
44
45 **DIVISION 8 MISCELLANEOUS CONSTRUCTION**

46
47 **8-01 EROSION CONTROL AND WATER POLLUTION CONTROL**

48
49 **8-01.3 Construction Requirements**
50

1
2 **8-01.3(2)D Mulching**

3 Section 8-01.3(2)D is supplemented with the following:
4

5 (*****)

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

11
12 **8-13 MONUMENT**

13
14 **8-13.3 Construction Requirements**

15
16 (*****)

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

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

21 The Contractor shall provide the Engineer GPS coordinates on all monuments
22 set or reset.

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

30
31 The Contractor shall leave all existing monuments in place unless the road profile
32 requires removal. When the new road profile requires the existing monument to
33 be reset the Contractor shall reuse and reset existing monument and record a
34 new elevation on the brass disc or provide a supplementary brass inset with new
35 elevation stamped on the monument. The Contractor shall give the Engineer a
36 certified report from the Surveyor regarding the final disposition and condition of
37 all monuments discovered within the project limits.
38

39 **8-13.5 Payment**

40
41 (*****)

42 The unit contract price bid per each for "Monument" shall be full compensation
43 for performing the work outlined herein and in accordance with the plans and
44 specifications.
45

46 **8-21 PERMANENT SIGNING**

47
48 **8-21.3 Construction Requirements**

49
50 (*****)

1 Section 8-21.3 is supplemented with the following:
2

3 All existing signs, posts and hardware within the project limits shall be removed
4 and salvaged to the Grant County Sign Shop, 124 Enterprise St. S.E., Ephrata,
5 WA, Monday thru Friday, 7:00 A.M. to 3:00 P.M.
6

7 All locations for new sign installations within or near the project limits shall be
8 staked in the field by the Engineer.
9

10 All sign post lengths shall be determined by the Contractor and approved by the
11 Engineer prior to installation.
12

13 The Permanent Signing Appendix lists the signs that shall be furnished and
14 installed by the Contractor.
15

16 **8-22 PAVEMENT MARKING**

17 **8-22.2 Materials**

18 (*****)
19

20 The first sentence of Section 8-22.2 is replaced with the following:
21
22

23 Materials for pavement marking shall be acetone-based paint and conform to
24 WSDOT paint formulas HWVY2 for yellow lines and HWVW1 for white lines.
25 Water-based paints will not be acceptable.
26

27 Section 8-22.2 is supplemented with the following:
28

29 (*****)
30

31 Transverse rumble lines shall be Type D – Liquid Cold Applied Methyl Methacrylate. The
32 Type designation shall be Type D-2 or Type D-5.
33

34 **8-22.3 Construction Requirements**

35 **Preliminary Spotting**

36 The first sentence of Section 8-22.3(1) is replaced with the following:
37
38

39 (*****)
40

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

47 **Marking Application**

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

50 (*****)

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

6
 7 The Contractor shall use a three gun paint spray system for all striping on
 8 this contract.

9
 10 **Application Thickness**

11 The first table in Section 8-22.3(3)F is supplemented with the following:

12
 13 (*****)

Marking Material Application		HMA	PCC	BST	Groove
Type D – Transverse Rumble Line	Spray	250	250	250	

14
 15 **Measurement**

16 Section 8-22.4 is supplemented with the following:

17
 18 (*****)
 19 Transverse rumble line will be measured by the linear foot for actual material placed and
 20 accepted.

21
 22 **Payment**

23 Section 8-22.5 is supplemented with the following:

24
 25 (*****)
 26 "Transverse Rumble Line", per linear foot.

27
 28 **DIVISION 9 MATERIALS**

29
 30 **9-14 EROSION CONTROL AND ROADSIDE PLANTING**

31
 32 **9-14.2 Seed**

33 Section 9-14.2 is supplemented with the following:

34
 35 (*****)
 36 The following arid area seed mixes are approved for use on this project. The
 37 Contractor shall choose one of the approved arid area mixes for application on
 38 this project.

39
 40

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	30	28.0	85

41
 42
 43
 44
 45
 46
 47
 48

1	Weed Seed	2.0 (max)
2	Inert and other crop	<u>3.5 (max)</u>
3	Total	100.0

4	Arid Area Mix B Containing**:			
6	Sheep Fescue	30	28.5	85
7	Crested Wheatgrass	30	28.5	85
8	Intermediate Wheatgrass	30	28.0	85
9	Annual Ryegrass	10	9.5	85
10	Weed Seed	2.0 (max)		
11	Inert and other crop	<u>3.5 (max)</u>		
12	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.

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

24	Kind and variety of Seed in mixture	% By Weight	Minimum % Pure Seed	Minimum % Germination
27	Irrigated Pasture Mix Containing***:			
28	Orchard Grass	30	28.5	85
29	Tetraploid Perennial Ryegrass	30	28.0	85
30	Timothy Grass	20	19.0	85
31	Ginger Kentucky Bluegrass	20	19.0	85
32	Weed Seed		2.0 (max)	
33	Inert and other crop		<u>3.5 (max)</u>	
34	Total		100.0	

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

9-14.3 Fertilizer

Section 9-14.3 is supplemented with the following:

(*****)

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

Total Nitrogen as N -	135 pounds per acre
Available Phosphoric Acid as P ₂ O ₅ -	80 pounds per acre

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Soluable Potash as K₂O -

80 pounds per acre

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

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

STANDARD PLANS
August 2, 2013

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 12-050, effective August 5, 2013 is made a part of this contract.

INFORMATIONAL COPY ONLY NOT FOR BIDDING

INFORMATIONAL COPY ONLY NOT FOR BIDDING

PROPOSAL

To: Board of County Commissioners
Grant County, Washington

Date: _____, 2014

This certifies that the undersigned has examined the location of **7-NE, CRP 13-18, 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.

7-NE

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	10,000 L.F.	Sawcut Existing Roadway	At . Per Linear Foot	.
5	100% Lump Sum	Removal of Structure and Obstruction	At ////////-.//// Per Lump Sum	.
GRADING				
6	36,000 S.Y.	Rotomilling Bituminous Pavement	At . Per Square Yard	.
7	18,453 C.Y.	Roadway Excavation Including Haul	At . Per Cubic Yard	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
8	10,059 Cu. Yd.	Embankment Compaction	At . Per Cubic Yard	.
9	160 S.Y.	Construction Geotextile For Separation	At . Per Square Yard	.
DRAINAGE				
10	20 L.F.	Extend Existing Concrete Pipe – 18” Dia.	At . Per Linear Foot	.
11	40 L.F.	Extend Existing Concrete Pipe – 24” Dia.	At . Per Linear Foot	.
12	54 L.F.	Extend Existing Concrete Pipe – 36” Dia.	At . Per Linear Foot	.
SURFACING				
13	18,500 Ton	Crushed Surfacing Base Course	At . Per Ton	.
14	11,500 Ton	Crushed Surfacing Top Course	At . Per Ton	.
HOT MIX ASPHALT				
15	11,000 Ton	HMA Class ½” PG64-28 Paving Asphalt	At . Per Ton	.
16	Calculated	Job Mix Compliance Price Adjustment	At ////////.///// Calculated	-\$1.00
17	Calculated	Compaction Price Adjustment	At ////////.///// Calculated	-\$1.00

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
STRUCTURES				
18	25 C.Y.	Structure Excavation Class "A" Incl. Haul	At . Per Cubic yard	.
19	200 L.B.	Steel Reinforcing Bar For Retaining Wall	At . Per Pound	.
20	7 C.Y.	Concrete Class 4000 For Retaining Wall	At . Per Cubic Yard	.
21	25 C.Y.	Gravel Backfill For Wall	At . Per Cubic Yard	.
22	223 S.Y.	Polyester Concrete Overlay	At . Per Square Yard	.
TRAFFIC				
23	500 L.F.	Beam Guardrail Type 1	At . Per Linear Foot	.
24	1,680 L.F.	Remove and Reset Existing Beam Guardrail Type 1	At . Per Linear Foot	.
25	4 Each	Beam Guardrail Transition Section Type 2	At . Per Each	.
26	4 Each	Beam Guardrail SRT Flared Terminal	At . Per Each	.
27	4 Each	Remove and Relocate Existing Terminal	At . Per Each	.
28	47,600 L.F.	Paint Line	At . Per Linear Foot	.

Item No.	Plan Quantity	Item Description	Price per Unit* Dollars . Cents	Total Amount Dollars . Cents
29	240 L.F.	Transverse Rumble Line	At . Per Linear Foot	.
30	100% Lump Sum	Permanent Signing	At ////////.//// Per Lump Sum	.
OTHER ITEMS				
31	1,975 L.F.	Silt Fence	At . Per Linear Foot	.
32	7 Each	Monument	At . Per Each	.
33	100% Lump Sum	Trimming and Cleanup	At ////////.//// Per Lump Sum	.
34	100% Lump Sum	Spill Prevention, Control, and Countermeasure (SPCC) Plan	At ////////.//// Per Lump Sum	.
35	4 Acre	Seeding, Fertilizing, and Mulch with Arid Area Mix A or B	At . Per Acre	.
36	4 Acre	Seeding, Fertilizing, and Mulch with Irrigated Pasture Mix	At . Per Acre	.
37	Calculated	Minor Change	At ////////.//// Calculated	-\$1.00

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

Non-Collusion Declaration

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

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

Notice to All Bidders

To report bid rigging activities call:

1-800-424-9071

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

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

Revised 8/95

Proposal – Signature Page

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

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

- | | | |
|-----------------|--------------------------|--|
| Cash | <input type="checkbox"/> | In the Amount of _____ |
| Cashier's Check | <input type="checkbox"/> | _____ Dollars |
| Certified Check | <input type="checkbox"/> | (\$ _____) Payable to the Grant County Treasurer |
| Proposal Bond | <input type="checkbox"/> | 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: _____, 2014

RE: **7-NE, CRP 13-18**

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 3.06 miles of a county road in Grant County, WA, and includes rotomilling, roadway excavation, embankment, crushed surfacing base course, crushed surfacing top course, Hot Mix Asphalt, Polyester Polymer bridge deck overlay, retaining walls, drainage items, guardrail, paint lines, rumble lines, permanent signing, seeding, fertilizing, mulch, monuments, 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.: _____

Bid Bond

KNOW ALL MEN BY THESE PRESENTS:

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

The condition of the obligation is such that if the Obligee shall make any award to the
Principal for **7-NE, CRP 13-18**, located in Grant County, Washington, according to the terms of
the proposal or bid made by the Principal therefor, and the Principal shall duly make and enter
into a contract with the Obligee in accordance with the terms of said proposal or bid and award
and shall give bond for the faithful performance thereof, with the Surety or Sureties approved
by the Obligee; or if the principal shall, in case of failure so to do, pay and forfeit to the Obligee
the penal amount of the deposit specified in the call for bids, then this obligation shall be null
and void; otherwise it shall be and remain in full force and effect and the Surety shall forthwith
pay and forfeit to the Obligee, as penalty and liquidated damages, the amount of this bond.

SIGNED, SEALED AND DATED THIS ____ DAY OF _____, 2014

Principal _____

Surety _____

Attorney-in-Fact _____

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 **7-NE, CRP 13-18**, located in Grant County, Washington, as proposed in a bid opened **1:30 P.M., Tuesday, May 13, 2014** 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 _____, 2014

Signature

Print Name

Firm Name

Address

City State Zip

() _____
Phone

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:

____ day of _____, 2014

Deputy Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS
OF GRANT COUNTY, WASHINGTON

Done this ____ day of _____, 2014

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 _____, 2014.

The conditions of the above obligation are such that:

WHEREAS, on **May 13, 2014**, 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 **7-NE, CRP 13-18**, 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

_____, 2014

Deputy Prosecuting Attorney

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TITLE VI – Contractor Requirements

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

1. Compliance with Regulations

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

2. Non-discrimination

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

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

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

4. Information and Reports

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

5. Sanctions for Non-compliance

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

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

6. Incorporation of Provisions

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

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

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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: 4/23/2014

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>
Grant	<u>Carpenters</u>	Carpenters	\$39.43	<u>5A</u>	<u>1B</u>	<u>8N</u>
Grant	<u>Cement Masons</u>	Journey Level	\$38.15	<u>7B</u>	<u>1N</u>	
Grant	<u>Flaggers</u>	Journey Level	\$32.71	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Air And Hydraulic Track Drill	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Asphalt Raker	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Asphalt Roller, Walking	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Brick Pavers	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Brush Hog Feeder	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Brush Machine	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Caisson Worker, Free Air	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Carpenter Tender	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Cement Finisher Tender	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Cement Handler	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Chain Saw Operator & Faller	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Clean-up Laborer	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Compaction Equipment	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Crewman	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Saw, Walking	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Signalman	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Concrete Stack	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Confined Space Attendant	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Crusher Feeder	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Demolition	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Demolition Torch	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Dope Pot Fireman, Non-mechanical	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Driller Helper (when Required To Move & Position Machine)	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Drills With Dual Masts	\$35.63	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Dry Stack Walls	\$34.81	<u>7B</u>	<u>1M</u>	

Grant	<u>Laborers</u>	Dumpman	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Erosion Control Laborer	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Final Detail Cleanup (i.e., Dusting, Vacuuming, Window Cleaning; Not Construction Debris Cleanup)	\$32.71	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Firewatch	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Form Cleaning Machine Feeder, Stacker	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Form Setter, Paving	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	General Laborer	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Grade Checker	\$37.34	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Grout Machine Header Tender	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Guard Rail	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Gunite	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Hazardous Waste Worker (level A)	\$35.63	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Hazardous Waste Worker (level B)	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Hazardous Waste Worker (level C)	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Hazardous Waste Worker (level D)	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Hdpe Or Similar Liner Installer	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	High Scaler	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Jackhammer Operator Miner, Class "b"	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Laser Beam Operator	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Miner, Class "a"	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Miner, Class "c"	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Miner, Class "d"	\$35.63	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Monitor Operator, Air Track Or Similar Mounting	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Mortar Mixer	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Nipper	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Nozzleman	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Nozzleman, Water (to Include Fire Hose), Air Or Steam	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Pavement Breaker, 90 Lbs. & Over	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Pavement Breaker, Under 90 Lbs.	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Pipelayer	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Pipelayer, Corrugated Metal Culvert And Multi-plate	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Pipewrapper	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Plasterer Tenders	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Pot Tender	\$35.08	<u>7B</u>	<u>1M</u>	

Grant	<u>Laborers</u>	Powderman	\$37.00	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Powderman Helper	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Power Buggy Operator	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Power Tool Operator, Gas, Electric, Pneumatic	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Railroad Equipment, Power Driven, Except Dual Mobile	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Railroad Power Spiker Or Puller, Dual Mobile	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Remote Equipment Operator	\$35.63	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Remote Equipment Operator (i.e. Compaction And Demolition)	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Rigger/signal Person	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Riprap Person	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Rodder & Spreader	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Sandblast Tailhoseman	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Scaffold Erector, Wood Or Steel	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Stake Jumper	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Structural Mover	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Tailhoseman (water Nozzle)	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Timber Bucker & Faller (by Hand)	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Track Laborer (rr)	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Traffic Control Laborer	\$32.71	<u>7B</u>	<u>1M</u>	<u>8T</u>
Grant	<u>Laborers</u>	Traffic Control Supervisor	\$33.71	<u>7B</u>	<u>1M</u>	<u>8S</u>
Grant	<u>Laborers</u>	Trencher, Shawnee	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Trenchless Technology Technician	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Truck Loader	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Tugger Operator	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Vibrators, All	\$35.35	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Wagon Drills	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Water Pipe Liner	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Welder, Electric, Manual Or Automatic (hdpe Or Similar Pipe And Liner)	\$35.63	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Well-point Person	\$34.81	<u>7B</u>	<u>1M</u>	
Grant	<u>Laborers</u>	Wheelbarrow, Power Driven	\$35.08	<u>7B</u>	<u>1M</u>	
Grant	<u>Power Equipment Operators</u>	A-frame Truck (2 Or More Drums)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	A-frame Truck (single Drum)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Asphalt Plant Operator	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>		\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)				
Grant	<u>Power Equipment Operators</u>	Assistant Refrigeration Plant (under 1000 Ton)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Automatic Subgrader (ditches & Trimmers)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backfillers (cleveland & Similar)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe & Hoe Ram (under 3/4 Yd.)	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe (45,000 Gw & Under)	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe (45,000 Gw To 110,000 Gw)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoe (over 110,000 Gw)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoes & Hoe Ram (3 Yds & Over)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bagley Or Stationary Scraper	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Batch Plant (over 4 Units)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Belt Finishing Machine	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Belt Loader (kocal Or Similar)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Belt-crete Conveyors With Power Pack Or Similar	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bending Machine	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bit Grinders	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Blade Operator (motor Patrol & Attachments)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Blower Operator (cement)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boat Operator	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bob Cat (skid Steer)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bolt Threading Machine	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boom Cats (side)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boring Machine (earth)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Boring Machine (Rock Under 8" Bit - Quarry Master, Joy Or Similar)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Bump Cutter (wayne, Saginaw Or Similar)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>		\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Cableway Controller (dispatcher)				
Grant	<u>Power Equipment Operators</u>	Cableway Operators	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Canal Lining Machine (concrete)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Carrydeck & Boom Truck (under 25 Tons)	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cement Hog	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Clamshell, Dragline	\$41.31	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Compactor (self-propelled With Blade)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Cleaning / Decontamination Machine Operator	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Pump Boon Truck	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Saw (multiple Cut)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Concrete Slip Form Paver	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Conveyor Aggregate Delivery Systems (c.a.d.)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Crane Oiler- Driver (cdl Required) & Cable Tender, Mucking Machine	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cranes (25 Tons To And Including 45 Tons), All Attachments Incl. Clamshell, Dragline	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cranes (45 Tons To 85 Tons), All Attachments Incl. Clamshell And Dragline	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Cranes (85 Tons & Over) And All Climbing, Overhead, Rail & Tower. All Attachments Incl.	\$41.31	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Crusher Feeder	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Crusher, Grizzle & Screening Plant Operator	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Curb Extruder (asphalt Or Concrete)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Deck Engineer	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Deck Hand	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Derricks & Stifflegs (65 Tons & Over)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Derricks & Stifflegs (under 65 Tons)	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Distributor Leverman	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Ditch Witch Or Similar	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dope Pots (power Agitated	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dozer / Tractors (d-6 & Equivalent & Over)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Dozer, 834 R/t & Similar	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drill Doctor	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Driller Licensed	\$41.31	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drillers Helper	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drilling Equipment (8" Bit & Over - Robbins, Reverse Circulation & Similar)	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Drills (churn, Core, Calyx Or Diamond)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevating Belt (holland Type)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Elevator Hoisting Materials	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Equipment Serviceman, Greaser & Oiler	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Fireman & Heater Tender	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Fork Lift Or Lumber Stacker, Hydra-life & Similar	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Generator Plant Engineers (diesel Or Electric)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Gin Trucks (pipeline)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Grade Checker	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Gunite Combination Mixer & Compressor	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	H.d. Mechanic	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	H.d. Welder	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Helicopter Pilot	\$41.31	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Helper, Mechanic Or Welder, H.D	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hoe Ram	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hoist (2 Or More Drums Or Tower Hoist)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hoist, Single Drum	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Hydro-seeder, Mulcher, Nozzleman	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Lime Batch Tank Operator (recycle Train)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Lime Brain Operator (recycle Train)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (bucket Elevators And Conveyors)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (overhead & Front-end, Over 8 Yds. To 10 Yds.)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Loaders (overhead And Front-end, 10 Yds. & Over)	\$41.31	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Locomotive Engineer	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Longitudinal Float	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Master Environmental Maintenance Technician	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mixer (portable - Concrete)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mixermobile	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mobile Crusher Operator (recycle Train)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Mucking Machine	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Multiple Dozer Units With Single Blade	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Pavement Breaker, Hydra-hammer & Similar	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Paving (dual Drum)	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Paving Machine (asphalt And Concrete)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Piledriving Engineers	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Plant Oiler	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Posthole Auger Or Punch	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Power Broom	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Pump (grout Or Jet)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Pumpman	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Quad-track Or Similar Equipment	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Railroad Ballast Regulation Operator (self-propelled)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Railroad Power Tamper Operator (self-propelled)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>		\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>

		Railroad Tamper Jack Operator (self-propelled)				
Grant	<u>Power Equipment Operators</u>	Railroad Track Liner Operator (self-propelled)	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Refrigeration Plant Engineer (1000 Tons & Over)	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Refrigeration Plant Engineer (under 1000 Ton)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rollerman (finishing Asphalt Pavement)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar, or Compacting Vibrator), Except When Pulled B	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Roto Mill (pavement Grinder)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rotomill Groundsman	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Rubber-tired Skidders (r/t With Or Without Attachments)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Scrapers, All, Rubber-tired	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Screed Operator	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Shovels (3 Yds. & Over)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Shovels (under 3 Yds.)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$39.66	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Soil Stabilizer (p & H Or Similar)	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Spray Curing Machine (concrete)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Spreader Box (self-propelled)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Spreader Machine	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Steam Cleaner	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Straddle Buggy (ross & Similar On Construction Job Only)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Surface Heater & Planer Machine	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Traverse Finish Machine	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Trenching Machines (7 Ft. Depth & Over)	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Trenching Machines (under 7 Ft. Depth Capacity)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Tug Boat Operator	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Tugger Operator	\$38.73	<u>7B</u>	<u>1M</u>	<u>8D</u>

Grant	<u>Power Equipment Operators</u>	Turnhead (with Re-screening)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Turnhead Operator	\$39.34	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Vactor Guzzler, Super Sucker	\$39.94	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Vacuum Blasting Machine Operator	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Vacuum Drill (reverse Circulation Drill Under 8" Bit)	\$39.50	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Welding Machine	\$38.41	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Power Equipment Operators</u>	Whirleys & Hammerheads, All	\$40.21	<u>7B</u>	<u>1M</u>	<u>8D</u>
Grant	<u>Surveyors</u>	All Classifications	\$28.57	<u>Null</u>	<u>1</u>	
Grant	<u>Traffic Control Stripers</u>	Journey Level	\$42.33	<u>7A</u>	<u>1K</u>	
Grant	<u>Truck Drivers</u>	Dump Truck	\$26.09		<u>1</u>	
Grant	<u>Truck Drivers</u>	Dump Truck And Trailer	\$26.09		<u>1</u>	
Grant	<u>Truck Drivers</u>	Other Trucks	\$27.84		<u>1</u>	
Grant	<u>Truck Drivers</u>	Transit Mixer	\$10.00		<u>1</u>	

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Benefit Code Key – Effective 3-5-2014 thru 8-30-2014

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 3-5-2014 thru 8-30-2014

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 all work performed shall be paid at double the hourly rate of wage.
- Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.
- Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

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

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3. 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 the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium 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.
- F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
- H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
- I. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions during a five day work week (Monday through Friday,) or a four day-ten hour work week (Tuesday through Friday,) then Saturday may be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
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).

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

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).

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6. I. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.

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.

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7. I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- M. Paid Holidays: New Year's Day, The Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, And the Day after or before Christmas Day (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- 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.

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Note Codes

8. A. In addition to the hourly wage and fringe benefits, the following depth premiums apply to depths of fifty feet or more:
Over 50' To 100' -\$2.00 per Foot for Each Foot Over 50 Feet
Over 100' To 150' -\$3.00 per Foot for Each Foot Over 100 Feet
Over 150' To 220' -\$4.00 per Foot for Each Foot Over 150 Feet
Over 220' -\$5.00 per Foot for Each Foot Over 220 Feet
- C. In addition to the hourly wage and fringe benefits, the following depth premiums apply to depths of fifty feet or more:
Over 50' To 100' -\$1.00 per Foot for Each Foot Over 50 Feet
Over 100' To 150' -\$1.50 per Foot for Each Foot Over 100 Feet
Over 150' To 200' -\$2.00 per Foot for Each Foot Over 150 Feet
Over 200' -Divers May Name Their Own Price
- D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- P. Workers on hazmat projects receive additional hourly premiums as follows -Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, And Class D Suit \$0.50.
- Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.
- R. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.
- S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

Washington State Department of Labor and Industries
Policy Statement
(Regarding the Production of "Standard" or "Non-standard" Items)

Below is the department's (State L&I's) list of criteria to be used in determining whether a prefabricated item is "standard" or "non-standard". For items not appearing on WSDOT's predetermined list, these criteria shall be used by the Contractor (and the Contractor's subcontractors, agents to subcontractors, suppliers, manufacturers, and fabricators) to determine coverage under RCW 39.12. The production, in the State of Washington, of non-standard items is covered by RCW 39.12, and the production of standard items is not. The production of any item outside the State of Washington is not covered by RCW 39.12.

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.
2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.
3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.
4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.
5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.
6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.

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

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

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

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

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

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

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

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

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

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

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

See RCW [39.12.010](#)

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

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

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

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

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

- Building Service Employees
- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential *** ALL ASSOCIATED RATES ***
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.

Washington State Department of Labor and Industries
Policy Statements
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)

WAC 296-127-018 Agency filings affecting this section

Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.

(1) The materials covered under this section include but are not limited to: Sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc.) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.

(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of material for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

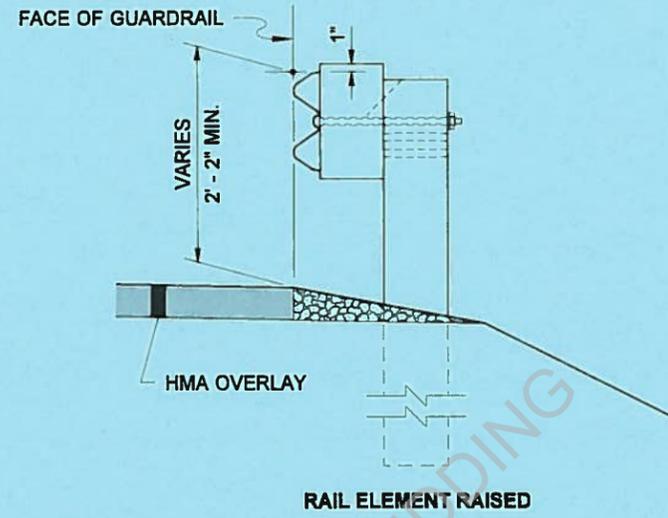
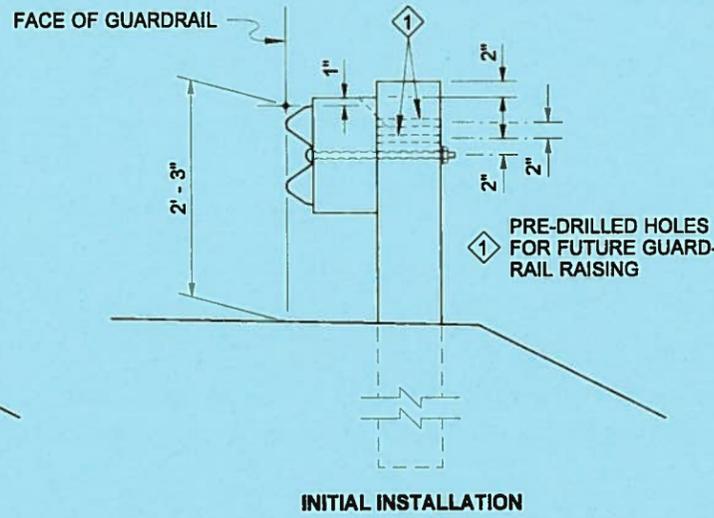
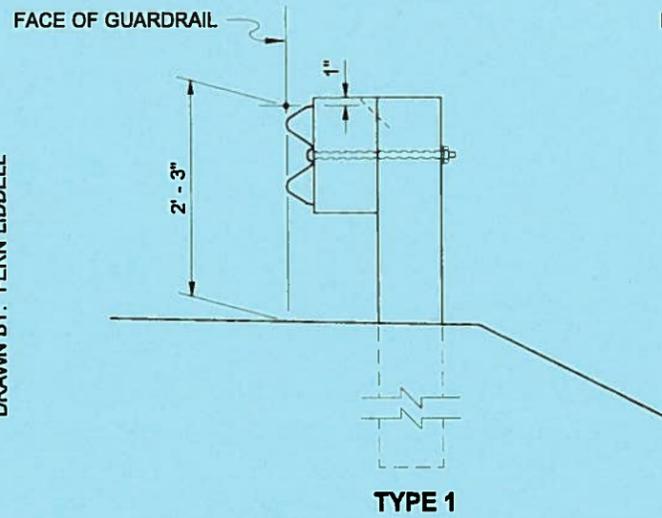
(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

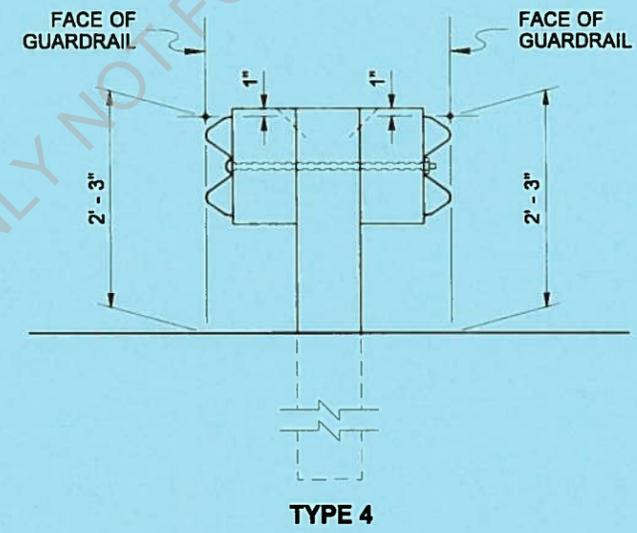
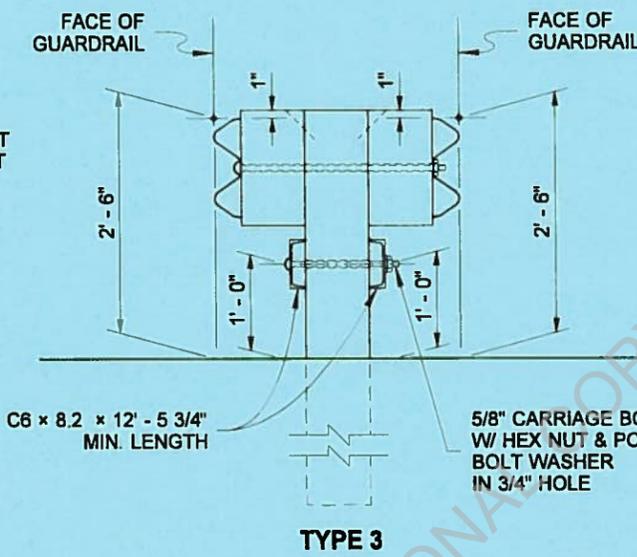
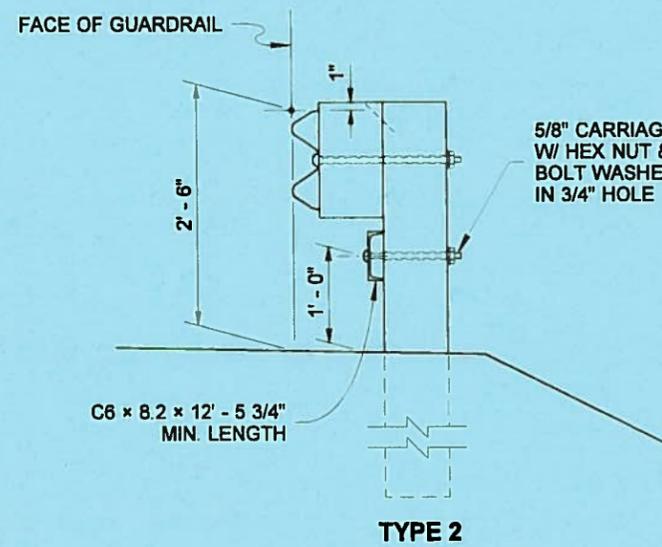
[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]

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DRAWN BY: FERN LIDDELL

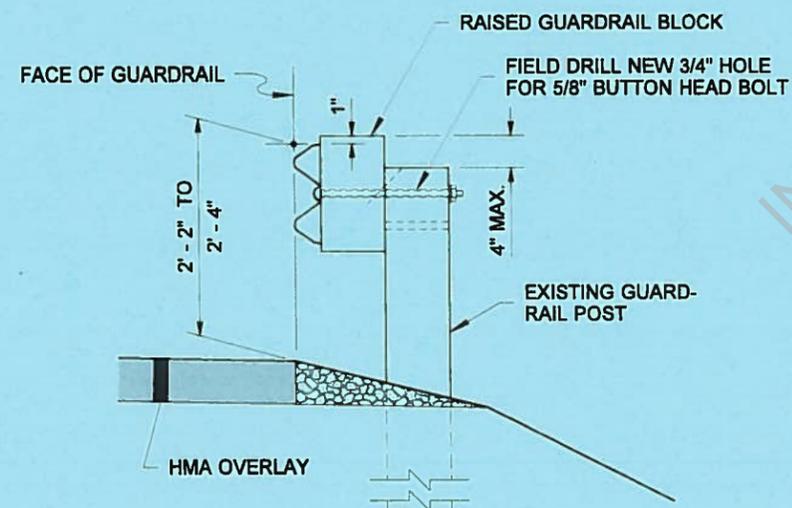


TYPE 1 ALTERNATIVE



NOTES

- When required by the Contract, a Snow Load Post Washer shall be used on the backside of the post (in lieu of the 1 3/4" Post Bolt Washer) and a Snow Load Rail Washer shall be placed on the face side of Beam Guardrail Types 1 and 2. Snow Load Rail Washers shall not be installed on terminals.
- Rail Washers, also called "Snow Load Rail Washers" are not required on new installation except as called for in Note 1. Unnecessary Rail washers need not be removed from existing installations, except those on posts 2 through 8 of a BCT installation shall be removed.
- Beam Guardrail post spacing for Types 1 through 4 shall be 6' - 3" on centers.
- Timber blocks shall be toe-nailed to the post with a 16d galvanized nail to prevent block rotation.
- For post and block details, see Standard Plan C-1b.
- When "Beam Guardrail Type - ___ Ft. Long Post" is specified in the Contract, the post length shall be stamped with numbers, 1 1/2" min. high and 3/4" wide at the location where the letter "H" is shown in the ASSEMBLY DETAIL. For wood post applications, the letter shall be stamped to a minimum depth of 1/4". For steel post applications, the letter shall be legible after the post is galvanized. After post installation, it shall be the Contractor's responsibility to ensure that the stamped numbers remain visible.
- Existing posts shall not be raised. Replace posts as necessary to achieve required guardrail height.

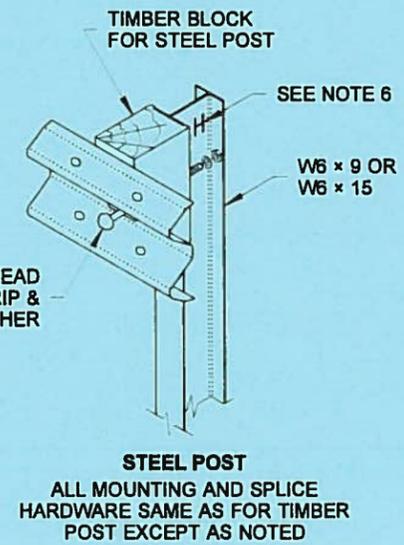
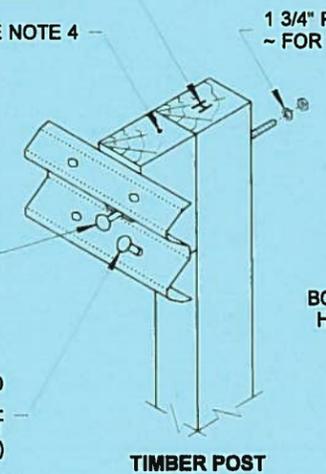


TYPES 1 & 2
5/8" x 18" BUTTON HEAD BOLT W/ 7/32" OVAL GRIP & RECESSED HEX NUT

TYPES 3 & 4
5/8" x 25" BUTTON HEAD BOLT W/ 7/32" OVAL GRIP & RECESSED HEX NUT OR 5/8" ROD THREADED BOTH ENDS W/ HEX NUTS

5/8" x 1 1/4" BUTTON HEAD SPLICE BOLT W/ 7/32" OVAL GRIP & RECESSED HEX NUT (EIGHT REQUIRED PER SPLICE)

SEE NOTE 6
SEE NOTE 4



ASSEMBLY DETAIL



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BEAM GUARDRAIL TYPES 1 ~ 4 (W-BEAM) STANDARD PLAN C-1

SHEET 1 OF 2 SHEETS

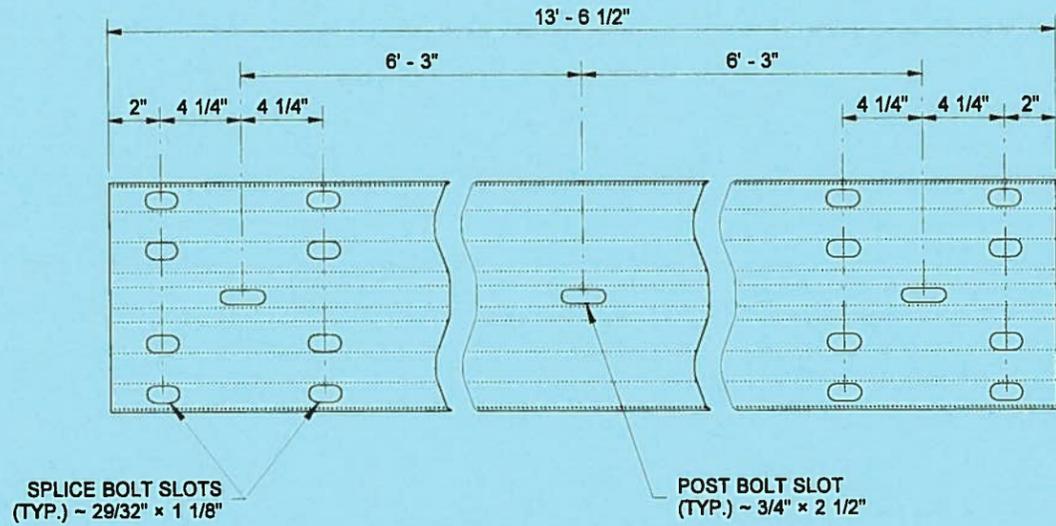
APPROVED FOR PUBLICATION

Pasco Bakotich III 06-16-11

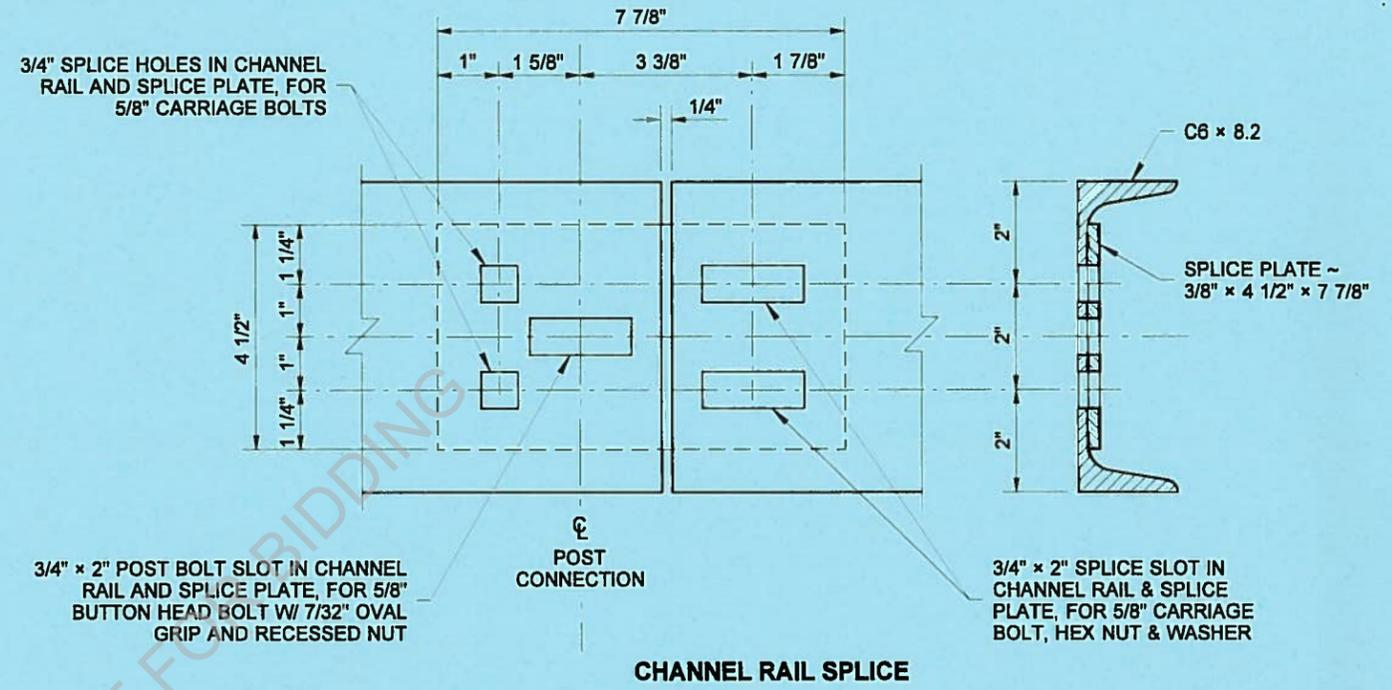
STATE DESIGN ENGINEER DATE



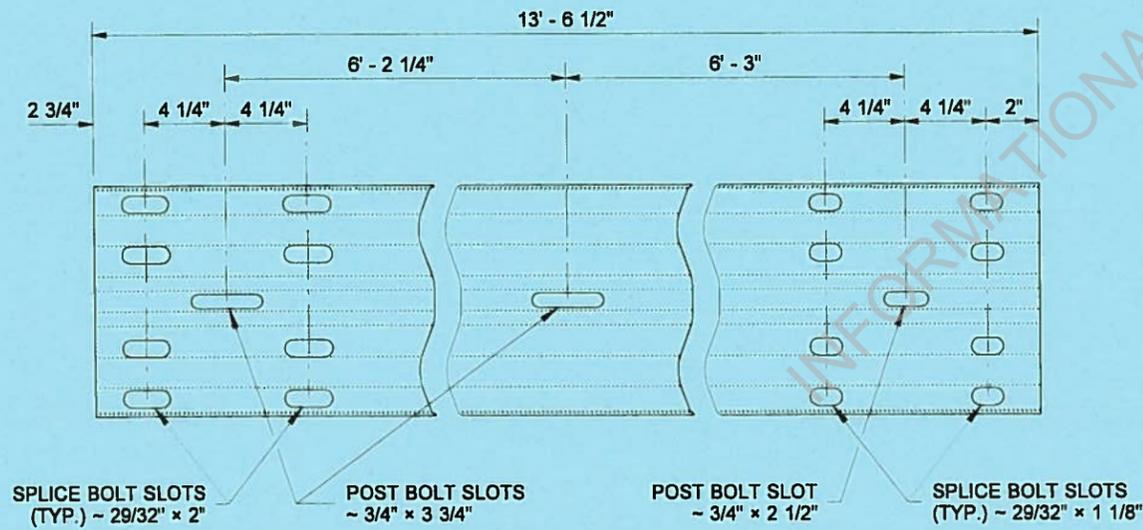
DRAWN BY: FERN LIDDELL



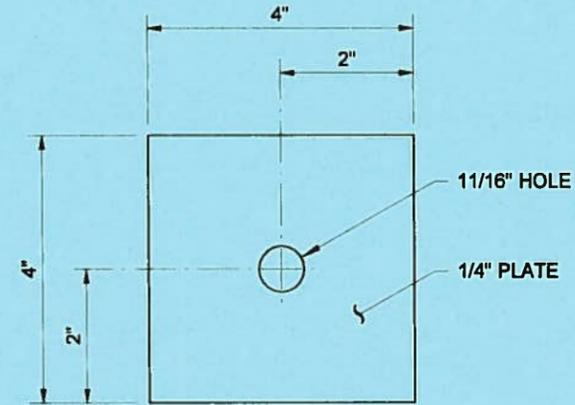
TYPICAL RAIL ELEMENT



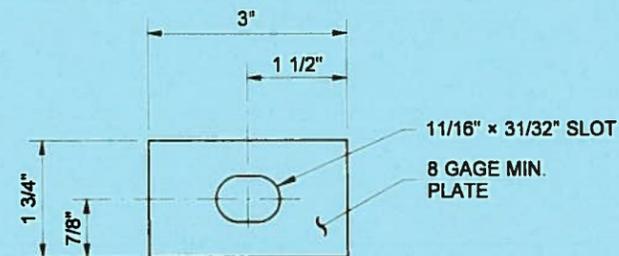
CHANNEL RAIL SPLICE



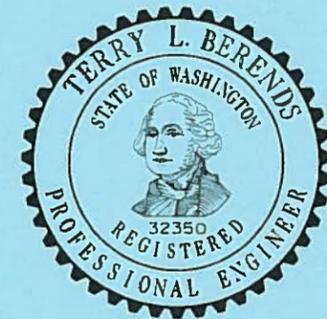
EXPANSION SECTION



SNOW LOAD POST WASHER
SEE NOTE 1



SNOW LOAD RAIL WASHER
SEE NOTES 1 & 2



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**BEAM GUARDRAIL
TYPES 1 ~ 4
(W-BEAM)
STANDARD PLAN C-1**

SHEET 2 OF 2 SHEETS

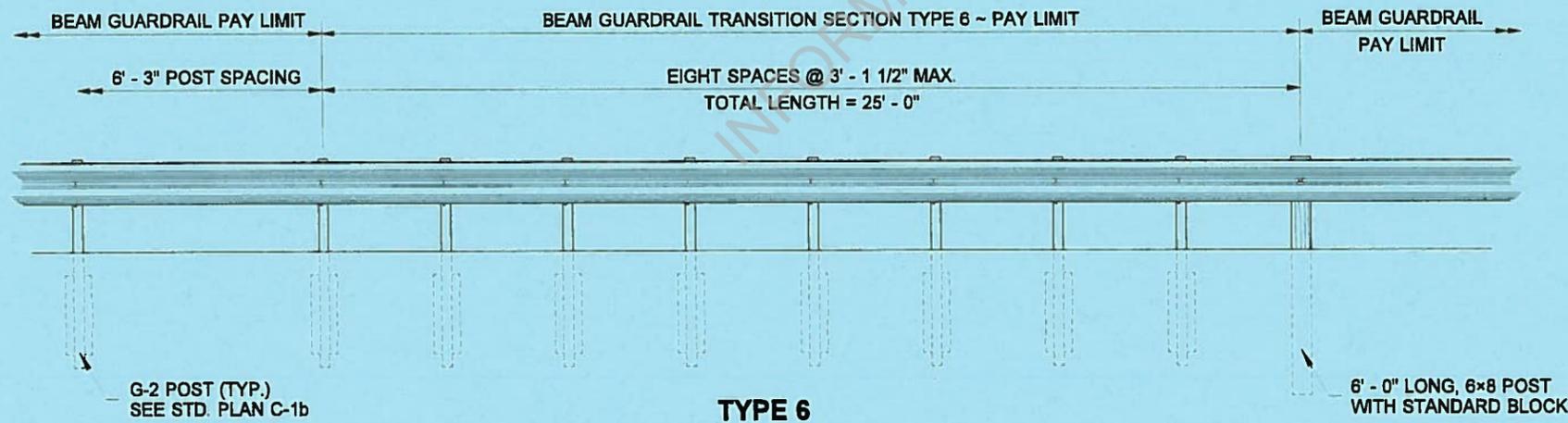
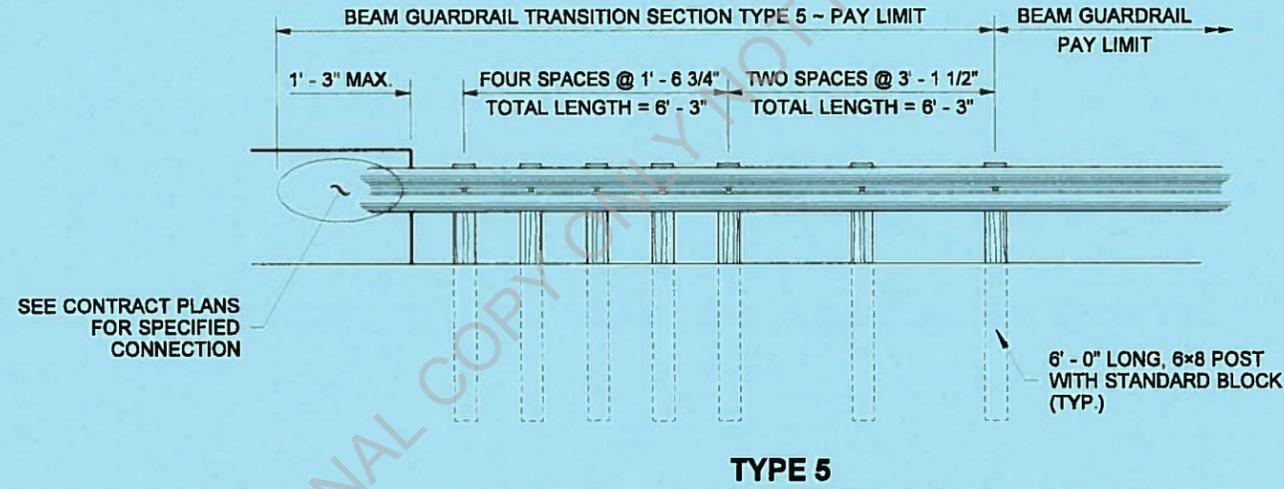
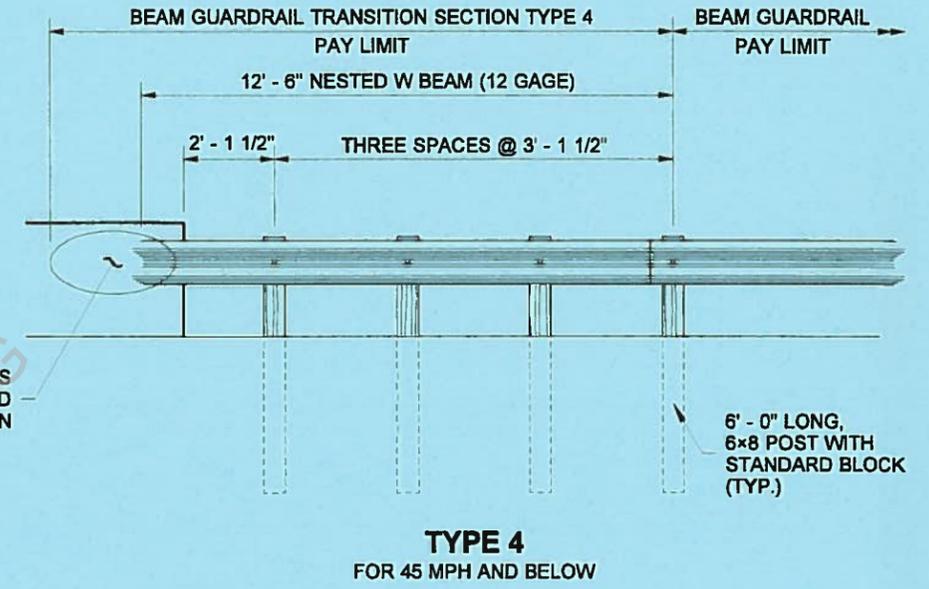
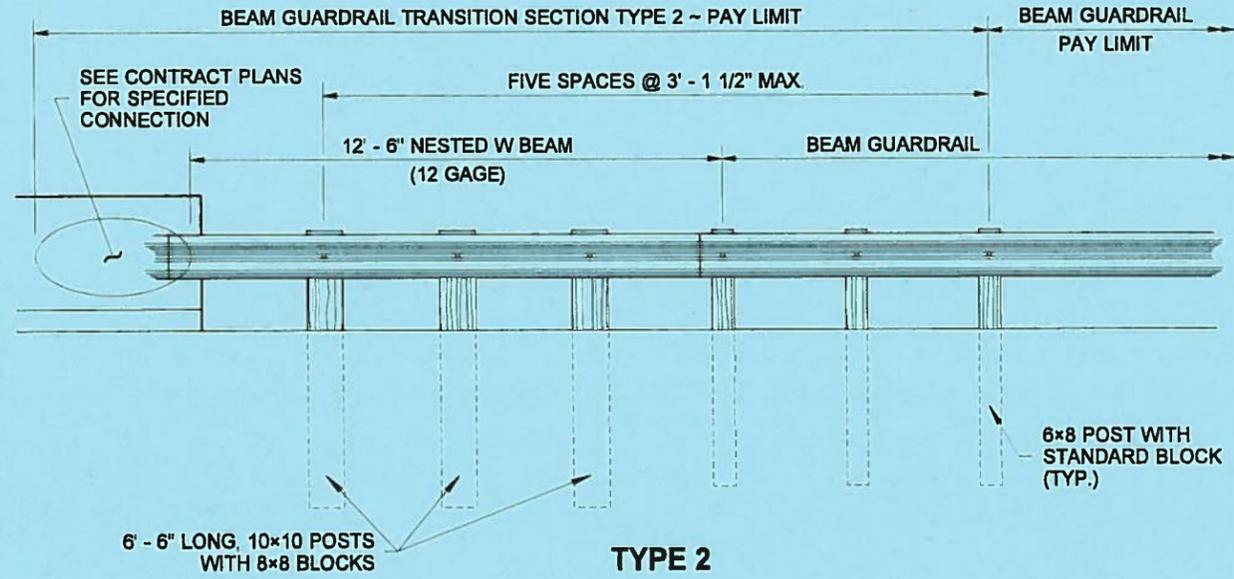
APPROVED FOR PUBLICATION

Pasco Bakotich III 06-16-11

STATE DESIGN ENGINEER DATE



DRAWN BY: MARK SUJKA



EXPIRES JULY 24, 2006

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BEAM GUARDRAIL TRANSITION SECTIONS
STANDARD PLAN C-3a

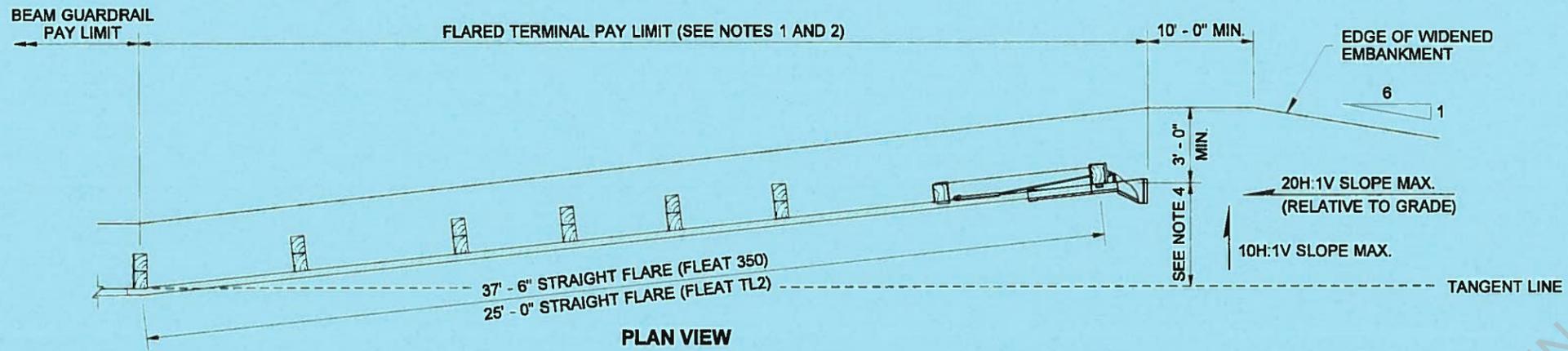
SHEET 1 OF 1 SHEET

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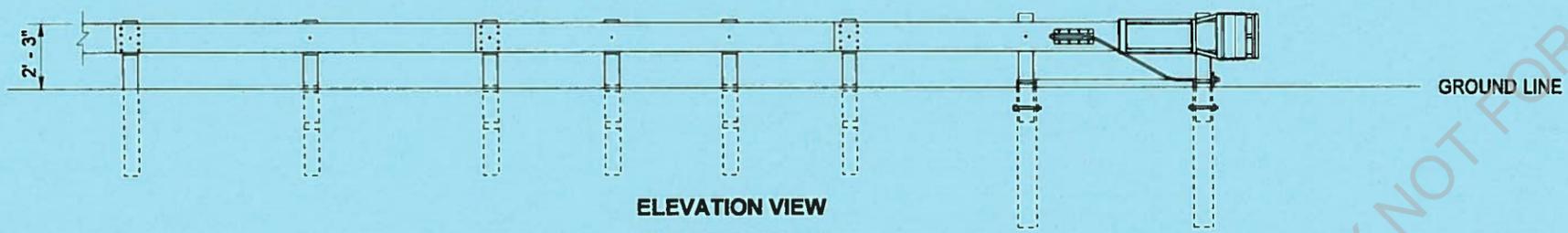
Harold J. Peterfeso 10-04-05

STATE DESIGN ENGINEER DATE

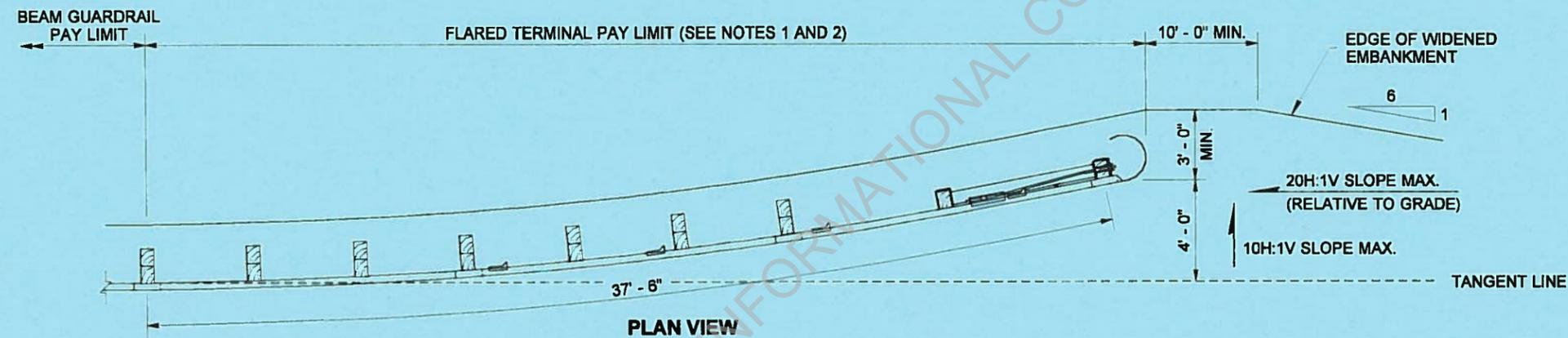




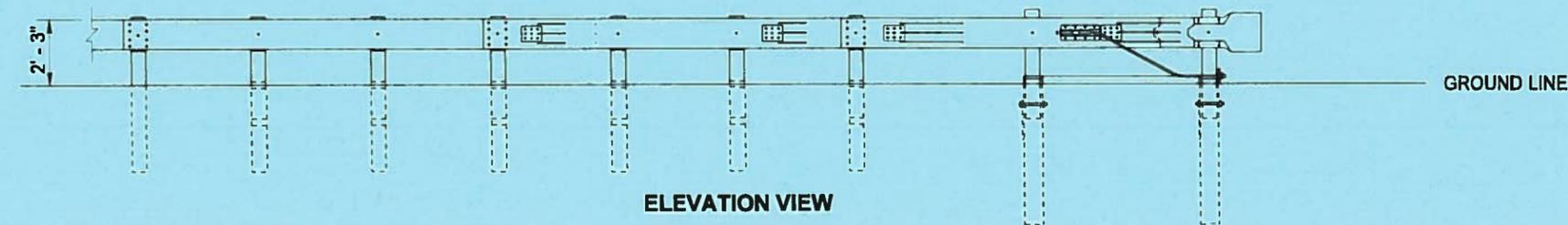
PLAN VIEW



ELEVATION VIEW
FLEAT OPTION



PLAN VIEW



ELEVATION VIEW
SRT OPTION

NOTES

1. Unless otherwise indicated in the contract, the SRT - 350 (12.5, 8 Post) as manufactured by Trinity Industries, Inc., or a FLEAT 350 as manufactured by Road Systems Inc., shall be installed per manufacturer's recommendations. If specified in the Contract, the FLEAT TL2 as manufactured by Road Systems, Inc. shall be installed per manufacturer's recommendations.
2. Where terminal is placed on a curve, and post offsets would result in the rail encroaching onto the shoulder (e.g., the inside of a curve), the posts shall be installed so that the face of the rail is at the edge of the shoulder.
3. When snow load post washers and snow load rail washers are called for in the contract, the snow load rail washers must be omitted within the terminal limits.
4. Offset distances:
 FLEAT 350 4' - 0"
 FLEAT TL2 1' - 8" minimum

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**BEAM GUARDRAIL
FLARED TERMINAL
STANDARD PLAN C-4b**

SHEET 1 OF 1 SHEET

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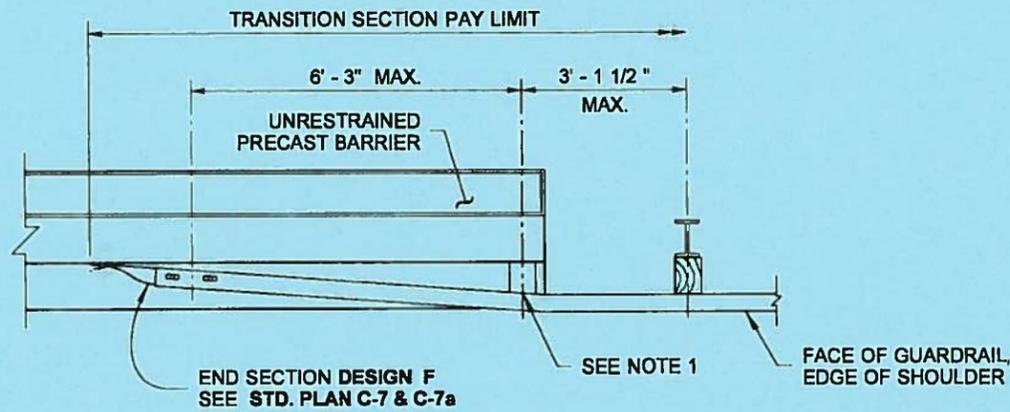
Harold J. Peterfeso 06-08-06

STATE DESIGN ENGINEER DATE

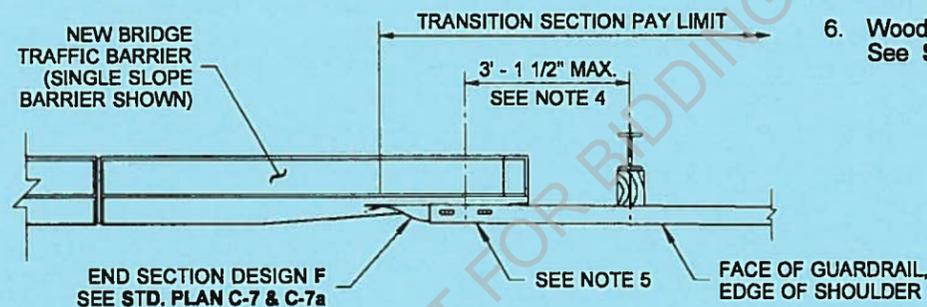


04/2006	Revised FLEAT Flare Lengths	AMC
DATE	REVISION	BY

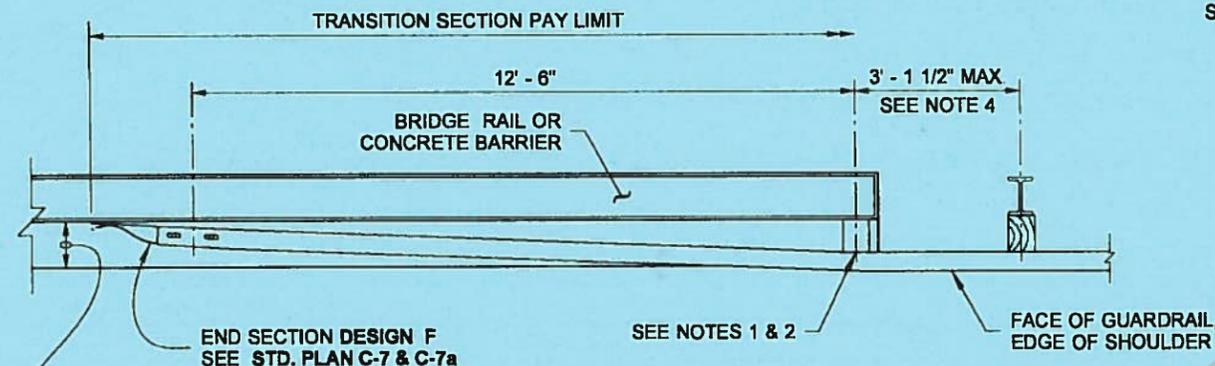
DRAWN BY: FERN LIDDELL



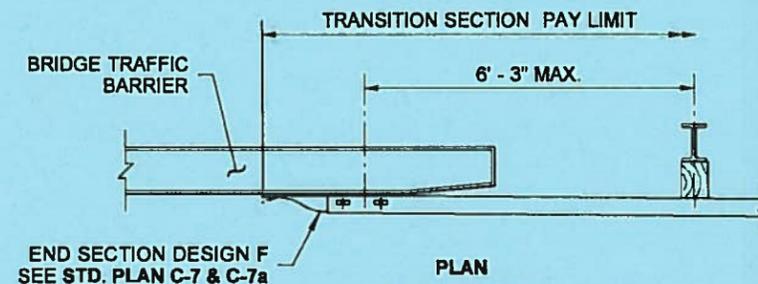
PLAN
A CONNECTION



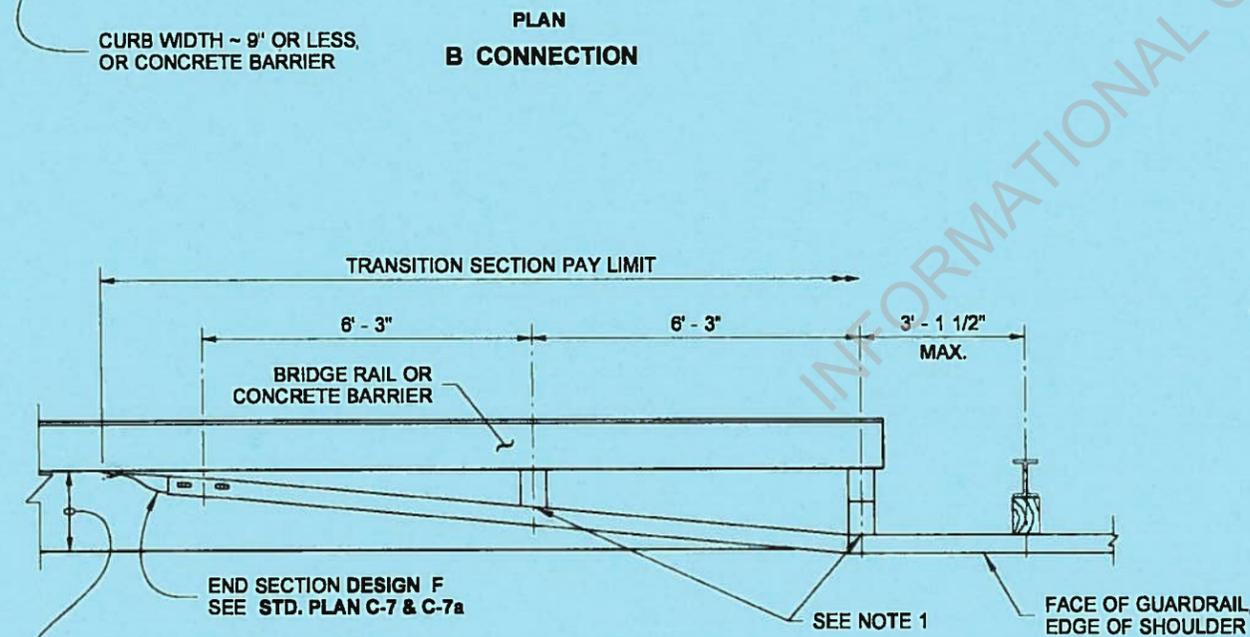
PLAN
D CONNECTION
(SEE NOTE 3)



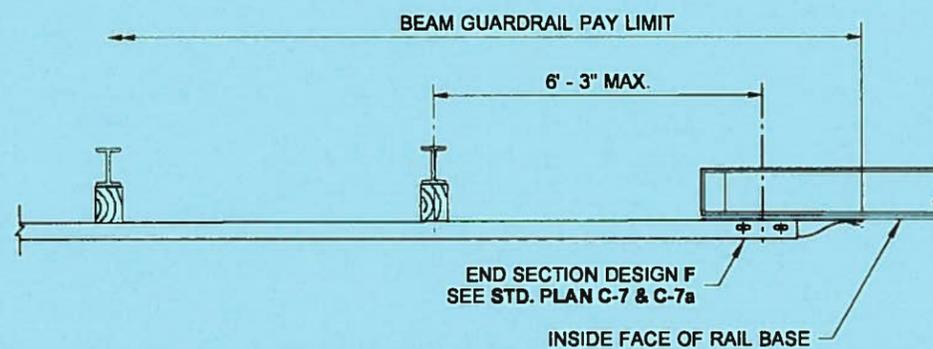
PLAN
B CONNECTION



PLAN
E CONNECTION



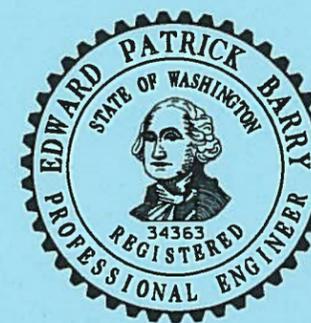
PLAN
C CONNECTION



PLAN
F CONNECTION

NOTES

1. Attach guardrail to bridge rail or concrete barrier with 7/8" diameter bolts in accordance with **Standard Spec. 9-06.5(4)**, with thin slab ferrule inserts or resin bonded anchors. See Contract Plans.
2. If the last guardrail post is 3" or less from the end of the bridge barrier, this attachment and breakout is not necessary.
3. This case is also applicable for F-shape and vertical faces with no curbs.
4. When B connection is used with Type 1A Transition, the maximum spacing between bolts is 6' - 3".
5. See Bridge Plans for additional connection details.
6. Wood blocks shown. Blocks of alternate material may be used. See **Standard Specification 9-16.3 (2)**.



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**GUARDRAIL CONNECTION
TO BRIDGE RAIL
OR CONCRETE BARRIER
STANDARD PLAN C-24.10-00**

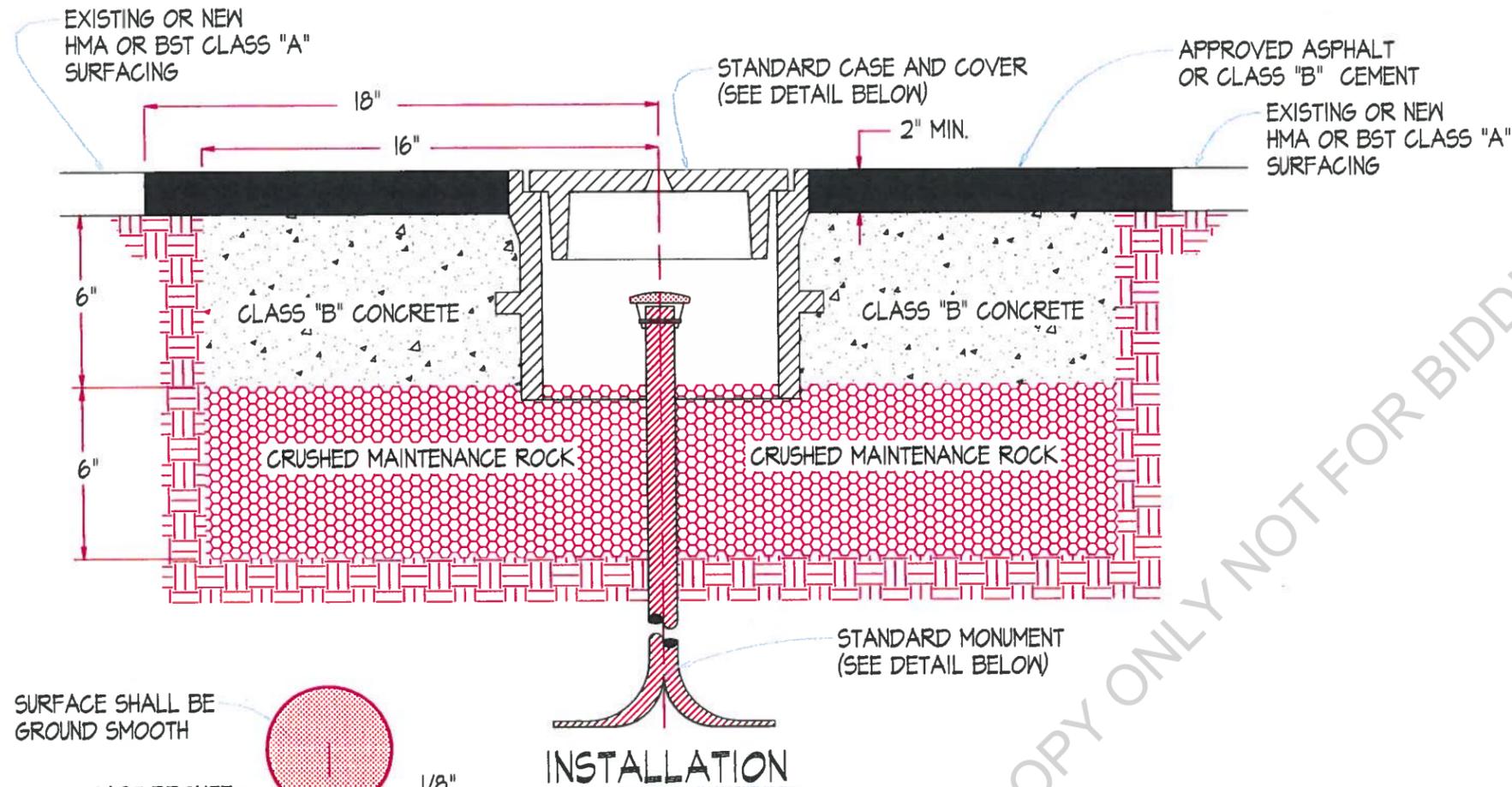
SHEET 1 OF 1 SHEET

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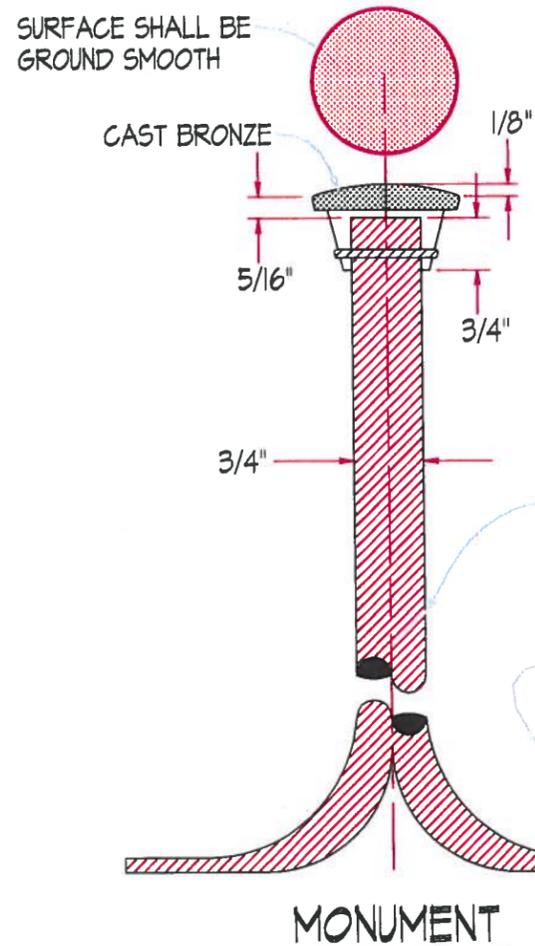
Pasco Bakotich III 07/2/12
STATE DESIGN ENGINEER DATE



TYPICAL MONUMENT, CASE AND COVER DETAILS AND INSTALLATION



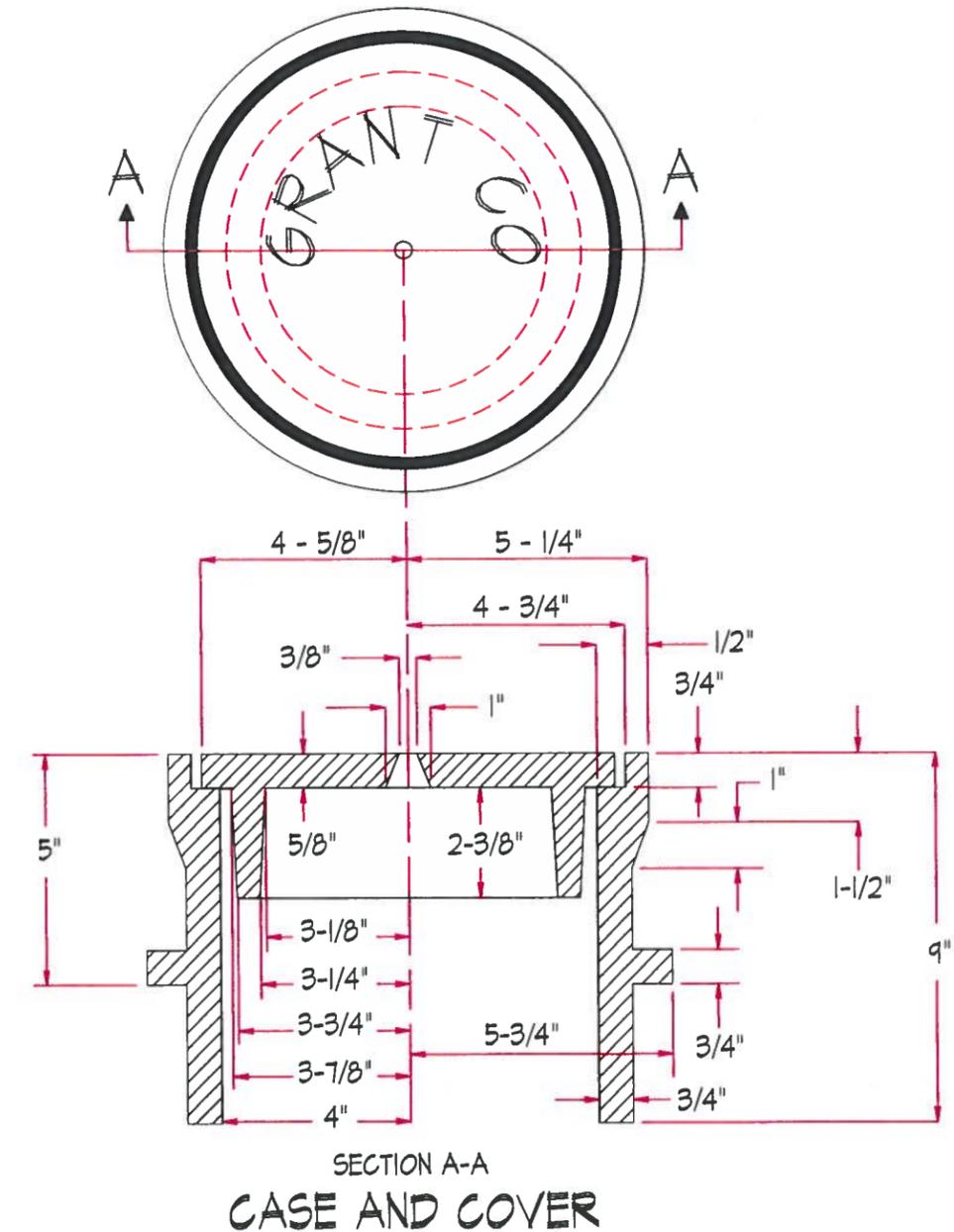
NOTES:
COVER AND SEAT SHALL BE MACHINED SO AS TO HAVE PERFECT CONTACT AROUND THE ENTIRE CIRCUMFERENCE AND FULL WIDTH OF BEARING SURFACE.
SPECIFICATIONS:
MATERIAL - CAST IRON BODY AS PER ASTM A48 CL. 40
APPROX. WEIGHT - BODY - 60LBS. COVER 20 LBS.



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



Bridge 215 is 24' wide by 82' long. Left/Right Edge elevations taken at edge of bridge deck at face of curb, 12' offset from Centerline.

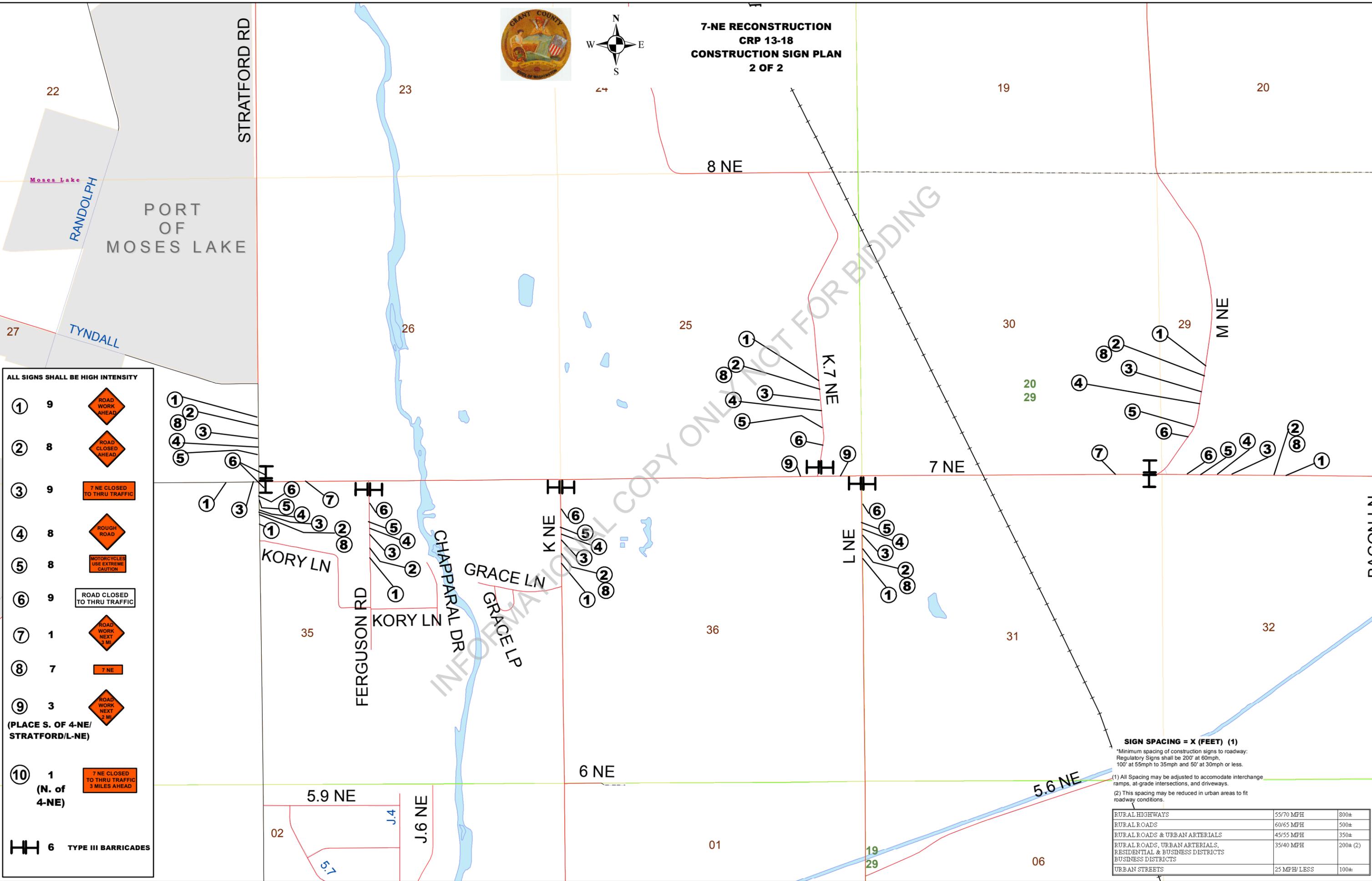
Bridge 215 Existing Surface and Centerline Crown					
LF of Bridge, starting at East End.	Lane %	Left edge	CL CROWN	Right Edge	Lane %
0	0.92%	1078.86	1078.97	1078.84	1.08%
10	0.83%	1078.83	1078.93	1078.88	0.42%
20	0.92%	1078.86	1078.97	1078.87	0.83%
30	0.25%	1078.89	1078.92	1078.91	0.08%
40	0.92%	1078.88	1078.99	1078.89	0.83%
50	0.33%	1078.86	1078.9	1078.87	0.25%
60	1.00%	1078.83	1078.95	1078.89	0.50%
70	0.33%	1078.88	1078.92	1078.87	0.42%
82	0.83%	1078.86	1078.96	1078.88	0.67%

Bridge 215 Crown Corrected to 0.83%					
	Lane %	Left edge	CL CROWN	Right Edge	Lane %
0	0.83%	1078.94	1079.04	1078.94	0.83%
10	0.83%	1078.94	1079.04	1078.94	0.83%
20	0.83%	1078.94	1079.04	1078.94	0.83%
30	0.83%	1078.94	1079.04	1078.94	0.83%
40	0.83%	1078.94	1079.04	1078.94	0.83%
50	0.83%	1078.94	1079.04	1078.94	0.83%
60	0.83%	1078.94	1079.04	1078.94	0.83%
70	0.83%	1078.94	1079.04	1078.94	0.83%
82	0.83%	1078.94	1079.04	1078.94	0.83%

	Depths (ft)		
0	0.08	0.07	0.10
10	0.11	0.11	0.06
20	0.08	0.07	0.07
30	0.05	0.12	0.03
40	0.06	0.05	0.05
50	0.08	0.14	0.07
60	0.11	0.09	0.05
70	0.06	0.12	0.07
82	0.08	0.08	0.06



**7-NE RECONSTRUCTION
CRP 13-18
CONSTRUCTION SIGN PLAN
2 OF 2**



ALL SIGNS SHALL BE HIGH INTENSITY

①	9	
②	8	
③	9	
④	8	
⑤	8	
⑥	9	
⑦	1	
⑧	7	
⑨	3	

**(PLACE S. OF 4-NE/
STRATFORD/L-NE)**

⑩	1 (N. of 4-NE)	
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6 TYPE III BARRICADES

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.

(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.

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	35/40 MPH	200± (2)
URBAN STREETS	25 MPH/LESS	100±

7 NE CRP 13-18 PRO. 4056 -- Permanent Signing Appendix - Sheet #1

Sign No.	Quantity	Sign Code	Sign Description	Sign Size		Sheeting Type	Letter Size or Code	Post Material	Post Size	Location
				x	y					
1	1	R1-1	Stop	36"	36"	High Intensity Prismatic		Steel		7 NE AT STRATFORD N.SIDE CORNER
2	2	D-3	Stratford RD	Varies*		High Intensity Prismatic	6" C			ON TOP OF SIGN 1
3	2	D-3	7 NE	24"	8"	High Intensity Prismatic	6" C			ON TOP OF SIGN 1
4	1	R2-1	Speed Limit 55 MPH	24"	30"	High Intensity Prismatic		Steel		200 FT E. OF STRATFORD ON S. SIDE
5	1	W3-1A	Stop Ahead Symbol	36"	36"	High Intensity Prismatic		Steel		325 FT E. OF STRATFORD ON N. SIDE
6	1	W2-2R	Side Road	30"	30"	High Intensity Prismatic		Steel		325 FT W. OF FERGUSON RD ON S. SIDE
7	1	D-3	FERGUSON RD	Varies*		High Intensity Prismatic	5D			BELOW SIGN 6
8	1	R1-1	Stop	36"	36"	High Intensity Prismatic		Steel		SE CORNER OF FERGUSON & 7 NE
9	2	D-3	Ferguson RD	Varies*		High Intensity Prismatic				ON TOP OF SIGN 8
10	2	D-3	7 NE	Varies*		High Intensity Prismatic	6" C			ON TOP OF SIGN 8
11	1	W2-2L	Side Road	30"	30"	High Intensity Prismatic		Steel		325 FT E. OF FERGUSON ON N. SIDE
12	1	D-3	FERGUSON RD	Varies*		High Intensity Prismatic	5D			BELOW SIGN 11
13	1	W2-2R	Side Road	30"	30"	High Intensity Prismatic		Steel		325 FT W. OF K NE ON S. SIDE
14	1	D-3	K NE	24"		High Intensity Prismatic	5D			BELOW SIGN 13
15	1	R2-1	Speed Limit 55 MPH	24"	30"	High Intensity Prismatic		Steel		200 FT W. OF K NE ON N. SIDE
16	1	R1-1	Stop	48"	48"	High Intensity Prismatic		Steel		K NE ON SE CORNER USE HEAVY DUTY BASE 3" OD X 36" BY 10 GA.POST 14' X 2" 1/2
17	2	D-3	K NE	24"	8"	High Intensity Prismatic	6" C			BELOW SIGN 16
18	2	D-3	7 NE	24"	8"	High Intensity Prismatic	6" C			BELOW SIGN 16
19	1	R2-1	Speed Limit 55 MPH	24"	30"	High Intensity Prismatic		Steel		200 FT E. OF K NE ON S. SIDE
20	1	R2-1	Speed Limit 55 MPH	24"	30"	High Intensity Prismatic		Steel		200 FT W. OF K.7 NE ON N. SIDE
21	1	W2-2	Side Road	30"	30"	High Intensity Prismatic		Steel		325 FT W. OF K.7 NE ON S. SIDE
22	1	R1-1	Stop	36"	36"	High Intensity Prismatic		Steel		NW CORNER OF K.7 NE
23	2	D-3	K.7 NE	24"	8"	High Intensity Prismatic	6" C			ONTOP OF SIGN 22
24	2	D-3	7 NE	24"	8"	High Intensity Prismatic	6" C			ON TOP OF SIGN 22
25	1	W1-7	DOUBLE ARROW	48"	24"	High Intensity Prismatic		Steel		7 NE AT K.7 NE ON S. SIDE
26	1	W2-2	Side Road	30"	30"	High Intensity Prismatic		Steel		325 FT E. OF K.7 NE ON N. SIDE
27	1	D-3	K.7 NE	24"	10"	High Intensity Prismatic	5D			BELOW SIGN 26
28	1	R1-1	Stop	48"	48"	High Intensity Prismatic		Steel		L NE ON SE CORNER USE HEAVY DUTY BASE 3" OD X 36" BY 10 GA.POST 14' X 2" 1/2
29	2	D-3	L NE	24"	8"	High Intensity Prismatic	6" C			ON TOP OF SIGN 28
30	2	D-3	7 NE	24"	8"	High Intensity Prismatic	6" C			ON TOP OF SIGN 28
31	1	W1-7	DOUBLE ARROW	48"	24"	High Intensity Prismatic		Steel		7 NE AT L NE ON N. SIDE
32	1	R2-1	Speed Limit 50 MPH	24"	30"	High Intensity Prismatic		Steel		200 FT E. OF L NE ON S. SIDE
33	1	W11-10	TRUCK CROSSING	30"	30"	High Intensity Prismatic				250 FT W. OF SPRAY PLANE SHOP
34	1	W7-3A	NEXT 1/4 MI.	24"	18"	High Intensity Prismatic				BELOW SIGN 33
35	1	W11-10	TRUCK CROSSING	30"	30"	High Intensity Prismatic		Steel		1320 FT E. OF SPRAY PLAE SHOP

Construction Notes:

For Code References and Standard Details See Washington State Sign Fabrication Manual.

Street Identification Signs shall have 1 inch field borders on the top and bottom and 2 inch field side borders.

All letters shall be High Intensity Prismatic.

ALL POST WILL BE ALLIED TELES PAR 2" X 2" BY 12 GAUGE WITH 36" BASES UNLESS LISTED OTHER WISE

Sign locations will be staked in the field by the Engineer.

* The sign length shall be made as long as necessary to accommodate the message, 24" minimum size.

ANY QUESTIONS REFER TO THE WASHINGTON STATE MUTCD

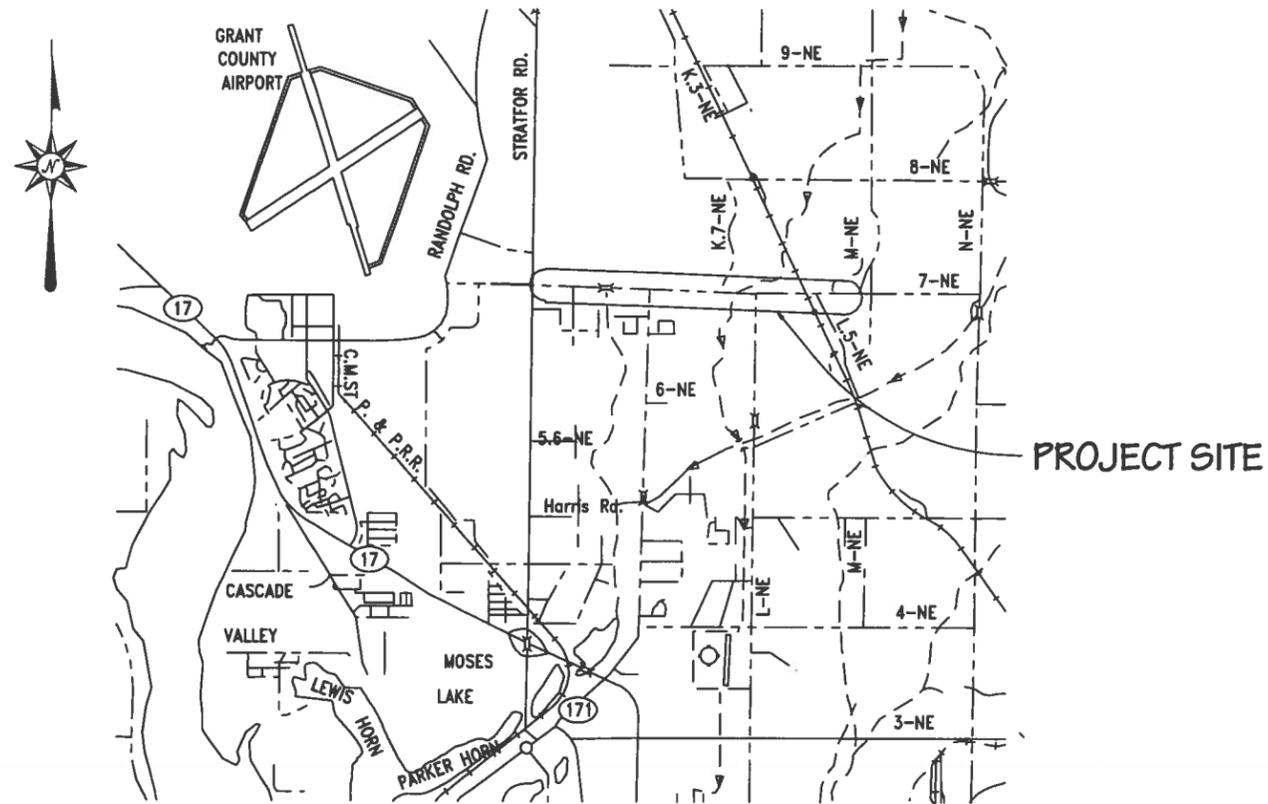
D3 Message (Typical)



Advance ID (Typical)



7 - NE ROAD RECONSTRUCTION



SHEET	DESCRIPTION
1	INDEX & VICINITY MAP
2	SUMMARY OF QUANTITIES
3, 4	STRUCTURE NOTES
5 - 15	PLAN AND PROFILE
16	PLAN AND PROFILE M-NE
17	TYPICAL X-SECTIONS
18	WING WALL DETAILS
19	BRIDGE APPROACH DETAILS

LEGEND

	ROAD CENTERLINE		CONTROL POINT
	USBR RIGHT OF WAY		SYPHON
	FENCE LINE		MAILBOX
	GAS LINE		TELEPHONE PED.
	ROAD CUT LINE		CULVERT
	ROAD FILL LINE		POWER POLE
	ROAD RIGHT OF WAY		SECTION CORNER
	EXISTING ROAD		1/4 SECTION CORNER
	WET AREA		GUY WIRE
	SILT FENCE		

Grant County Board Of Commissioners

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



GRANT COUNTY PUBLIC WORKS DEPARTMENT

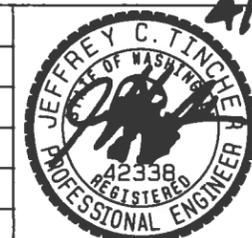
124 ENTERPRISE ST. SE
 EPHRATA, WASHINGTON 98823
 (509) 754-6082 FAX (509) 754-6087



7-NE ROAD RECONSTRUCTION

CRP 13-18

DESIGNED BY: BOB BERSANTI
 CHECKED BY: TODD MITTGE
 APPROVED BY: JEFF TINCHER
 REVISIONS BY:
 DATE REVISED:
 FEDERAL AID NO.:



SHEET 1

OF 19

SUMMARY OF QUANTITIES

STA. 10+26
TO
STA. 174+50

ITEM NO.	TOTAL QUANTITY	UNIT	ITEM DESCRIPTION	STA. 10+26 TO STA. 174+50				
PREPARATION								
1	100%	L.S.	Mobilization	100%				
2	100%	L.S.	Notification	100%				
3	100%	L.S.	Clearing & Grubbing	100%				
4	10,000	L.F.	Sawcut Existing Roadway	10,000				
5	100%	L.S.	Removal of Structure and Obstruction	100%				
GRADING								
6	36,000	S.Y.	Rotomilling Bituminous Pavement	36,000				
7	18,453	C.Y.	Roadway Excavation Including Haul	18,453				
8	10,059	C.Y.	Embankment Compaction	10,059				
9	160	S.Y.	Construction Geotextile For Separation	160				
DRAINAGE								
10	20	L.F.	Extend Existing Concrete Pipe - 18" Dia.	20				
11	40	L.F.	Extend Existing Concrete Pipe - 24" Dia.	40				
12	54	L.F.	Extend Existing Concrete Pipe - 36" Dia.	54				
SURFACING								
13	18,500	TONS	Crushed Surfacing Base Course	18,500				
14	11,500	TONS	Crushed Surfacing Top Course	11,500				
HOT MIX ASPHALT								
15	11,000	TONS	HMA Class 1/2" PG64-28 Paving Asphalt	11,000				
16	-1	CALC.	Job Mix Compliance Price Adjustment	-1				
17	-1	CALC.	Compaction Price Adjustment	-1				
STRUCTURES								
18	25	C.Y.	Structure Excavation Class "A" Inc. Haul	25				
19	200	LB	Steel Reinforcing Bar For Retaining Wall	200				
20	7	C.Y.	Concrete Class 4000 For Retaining Wall	7				
21	25	C.Y.	Gravel Backfill for Wall	25				
22	223	S.Y.	Polyester Concrete Overlay	223				
TRAFFIC								
23	500	L.F.	Beam Guardrail Type 1	500				
24	1,680	L.F.	Remove and Reset Existing Beam Guardrail Type 1	1,680				
25	4	EACH	Beam Guardrail Transition Section Type 2	4				
26	4	EACH	Beam Guardrail SRT Flared Terminal	4				
27	4	EACH	Remove and Relocate Existing Terminal	4				
28	47,600	L.F.	Paint Line	47,600				
29	240	L.F.	Transverse Rumble Line	240				
30	100%	L.S.	Permanent Signing	100%				
OTHER ITEMS								
31	1,975	L.F.	Silt Fence	1,975				
32	7	EACH	Monument	7				
33	100%	L.S.	Trimming and Cleanup	100%				
34	100%	L.S.	Spill Prevention, Control, and Countermeasure (SPCC) Plan	100%				
35	4	Acres	Seeding, Fertilizing, and Mulch with Arid Area Mix A or B	4				
36	4	Acres	Seeding, Fertilizing, and Mulch with Irrigated Pasture Mix	4				
37	100%	L.S.	Minor Changes	100%				

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



7-NE ROAD RECONSTRUCTION

CRP 13-18

DESIGNED BY: BOB BERSANTI
CHECKED BY: TODD MITTGE
APPROVED BY: JEFF TINCHER
REVISIONS BY:
DATE REVISED:
FEDERAL AID NO.:



SHEET 2
OF 19

STRUCTURE NOTES

NOTE: THE FIRST NUMBER OF THE "CODE" REFERS TO THE PLAN SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THE PARTICULAR SHEET.

CODE	LOCATION	R/L	ELEV.	MISC.	Extend Existing Concrete Pipe 18" Dia. L.F.	Extend Existing Concrete Pipe 36" Dia. L.F.	Roadway Ex. Incl. Haul C.Y.	Structure Ex. Class "A" Incl. Haul C.Y.	Crushed Surfacing Base Course TONS	Crushed Surfacing Top Course TONS	HMA Class 1/2 In. PG64-28 TONS	Construction Geotextile For Soil Separation S.Y.	Silt Fence L.F.	Beam Guardrail Type I L.F.	Beam Guardrail Flared Terminal EACH	Monument EACH	REMARKS
5-1	STA. 10+80 TO 11+30	L	PLAN	C							5						
5-2	STA. 13+30 TO 13+50	L	PLAN	C							2						
5-3	STA. 16+60 TO 16+80	R	PLAN	R							2						
5-4	STA. 19+70 TO 19+90	R	PLAN	F							2						
5-5	STA. 22+10 TO 22+30	R	PLAN	F							2						
5-6	STA. 23+00 TO 23+20	R	PLAN	F							2						
6-1	STA. 29+10 TO 29+30	L	PLAN	C							5						
6-2	STA. 29+28 TO 29+56	L	PLAN	ROAD							30						
6-3	STA. 29+42.66	CL	PLAN	MON												1	2, 3
6-4	STA. 30+00 TO 30+20	R	PLAN	F							2						
6-5	STA. 33+50 TO 33+70	R	PLAN	F							2						
6-6	STA. 33+50 TO 33+70	R	PLAN	F							2						
6-7	STA. 34+05 TO 34+25	R	PLAN	R							2						
6-8	STA. 34+50 TO 38+90	L	PLAN	SF									440				6
6-9	STA. 34+50 TO 38+90	R	PLAN	SF									440				6
6-10	STA. 36+62.80	CL	PLAN	MON												1	2, 3
6-11	STA. 38+55 TO 38+95	L	PLAN	RAIL													7, 8
6-12	STA. 38+55 TO 38+95	R	PLAN	RAIL													7, 8
6-13	STA. 38+90 TO 39+00	R/L	PLAN	APP			25		20	10		80					5
6-14	STA. 39+80 TO 39+90	R/L	PLAN	APP			25		20	10		80					5
7-1	STA. 39+80 TO 40+48	L	PLAN	RAIL													7, 8
7-2	STA. 39+80 TO 40+48	R	PLAN	RAIL													7, 8
7-3	STA. 41+60 TO 41+80	L	PLAN	C							2						
7-4	STA. 41+80 TO 43+40	L	PLAN	SF									160				6
7-5	STA. 43+20 TO 43+60	R	PLAN	F							4						
7-6	STA. 43+85 TO 49+10	L	PLAN	SF									525				6
7-7	STA. 46+90 TO 47+10	R	PLAN	F							2						
7-8	STA. 49+80 TO 50+00	R	PLAN	F							2						
7-9	STA. 52+10 TO 54+15	L	PLAN	SF									205				6
8-1	STA. 58+10 TO 58+30	R	PLAN	F							2						
8-2	STA. 59+70 TO 59+90	L	PLAN	F							2						
8-3	STA. 63+15 TO 63+35	L	PLAN	F							2						
8-4	STA. 63+24.60	CL	PLAN	MON												1	2, 3
8-5	STA. 64+00 TO 64+20	L	PLAN	F					2								
8-6	STA. 69+20 TO 71+25	L	PLAN	SF									205				6
8-7	STA. 71+20 TO 71+40	R	PLAN	F							2						
9-1	STA. 75+10 TO 87+60	L	PLAN	RAIL										250			
9-2	STA. 75+10 TO 87+60	R	PLAN	RAIL										250			
9-3	STA. 76+25	R/L	PLAN	CROSS													1, 9
Page Total					30	50	42	20	76	160	1,975	500	4	3			

GENERAL NOTES

- Miscellaneous
- BD = Bottom of Ditch
 - CP = Catch point
 - CROSS = Crossing Pipe
 - R = Residential
 - F = Farm
 - PLAN = Elevation on Plans
 - MON = Monument
 - O&M = O&M Road
 - C = Commercial
 - APP = Approach Stabilization
 - RAIL = Guardrail
 - SF = Silt Fence

1. Field adjust termini as directed by the engineer.
2. Remove existing monument and case and salvage to contractor.
3. Install monument and monument case per standard plans.
4. Quantities for embankment and roadway excavation are included in plan quantities whether shown or not.
5. See special provisions.
6. Install silt fence per the contract plans.
7. Replace existing approach rail with Transition Section Type 2, with Standard Plan C-24.10-0C, Type C, Connection to Concrete Bridge Barrier.
8. Install SRT Beam Guardrail Flared Terminal.
9. Extend existing Concrete Pipe 15' on both sides of the roadway.

NOTE: For Special Features See Special Provisions.

GRANT COUNTY PUBLIC WORKS DEPARTMENT

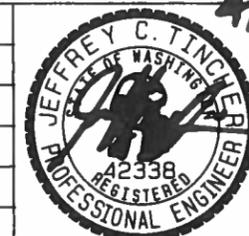
124 ENTERPRISE ST. SE
 EPHRATA, WASHINGTON 98823
 (509) 754-6082 FAX (509) 754-6087



7-NE ROAD RECONSTRUCTION

CRP 13-18

DESIGNED BY: BOB BERSANTI
 CHECKED BY: TODD MITTGE
 APPROVED BY: JEFF TINCHER
 REVISIONS BY:
 DATE REVISED:
 FEDERAL AID NO.:



SHEET 3

OF 19

STRUCTURE NOTES

NOTE: THE FIRST NUMBER OF THE "CODE" REFERS TO THE PLAN SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THE PARTICULAR SHEET.

CODE	LOCATION	R/L	ELEV.	MISC.	Extend Existing Concrete Pipe 18" Dia. L.F.	Extend Existing Concrete Pipe 24" Dia. L.F.	Extend Existing Concrete Pipe 36" Dia. L.F.	Gravel Backfill For Pipe Zone Bedding C.Y.	Crushed Maintenance Rock TONS	Crushed Surfacing Base Course TONS	Roadway Excavation C.Y.	Embankment Compaction C.Y.	Remove and Reset Existing Beam Guardrail Type 1 L.F.	Beam Guardrail Flared Terminal EACH	Monument EACH	REMARKS
9-4	STA. 77+85 TO 87+75	L	PLAN	RAIL									840			6
9-5	STA. 77+85 TO 87+75	R	PLAN	RAIL									840			6
10-1	STA. 87+90 TO 88+10	L	PLAN	C						2						
10-2	STA. 88+10 TO 88+60	R	PLAN	R						5						
10-3	STA. 89+87.31	CL	PLAN	MON											1	2, 3
10-4	STA. 100+00 TO 100+50	L	PLAN	C						5						
10-5	STA. 100+30 TO 100+50	R	PLAN	R						2						
11-1	STA. 108+70 TO 109+90	L	PLAN	C						2						
11-2	STA. 115+20 TO 115+60	R	PLAN	O & M						2						
11-3	STA. 115+40 TO 115+60	L	PLAN	O & M						5						
11-4	STA. 115+90 TO 116+10	L	PLAN	O & M						2						
11-5	STA. 116+49.76	CL	PLAN	MON											1	2, 3
11-6	STA. 116+50 TO 116+70	L	PLAN	F						2						
12-1	STA. 128+00 TO 128+20	L	PLAN	F						2						
12-2	STA. 129+80 TO 130+00	L	PLAN	F						2						
12-3	STA. 131+80 TO 132+00	L	PLAN	F						2						
12-4	STA. 132+90 TO 133+10	L	PLAN	F						2						
12-5	STA. 135+40 TO 135+70	R	PLAN	F						2						
13-1	STA. 136+70	R/L	PLAN	CROSS	20											8
13-3	STA. 137+10 TO 137+40	L	PLAN	F		40				2						
13-1	STA. 138+10	R/L	PLAN	CROSS												7
13-4	STA. 138+50 TO 138+70	R	PLAN	F						2						
13-5	STA. 143+11.20	CL	PLAN	MON											1	2, 3
13-6	STA. 143+40 TO 143+70	R	PLAN	F						3						
13-7	STA. 147+90 TO 148+10	L	PLAN	F						2						
13-8	STA. 148+20 TO 148+40	R	PLAN	F						2						
13-9	STA. 149+05	R/L	PLAN	CROSS			24									7
13-10	STA. 149+90 TO 150+10	L	PLAN	F						2						
14-1	STA. 154+30 TO 154+50	R	PLAN	F						2						
15-1	STA. 168+40 TO 168+70	L	PLAN	F						3						
15-2	STA. 169+46.32	CL	PLAN	MON											1	2, 3
Page Total					20	40	24			55			1,680		4	

GENERAL NOTES

- Miscellaneous
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 - CROSS = Crossing Pipe
 - R = Residential
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 - RAIL = Guardrail
 - SF = Silt Fence

1. Field adjust termini as directed by the engineer.
2. Remove existing monument and case and salvage to contractor.
3. Install monument and monument case per standard plans.
4. Quantities for embankment and roadway excavation are included in plan quantities whether shown or not.
5. Install silt fence per the contract plans.
6. Remove and reset Beam Guardrail Terminal Section.
7. Extend existing Concrete Pipe 20' on both sides of the roadway.
8. Extend existing Concrete Pipe 20' on the right sides of the roadway only.

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



7-NE ROAD RECONSTRUCTION

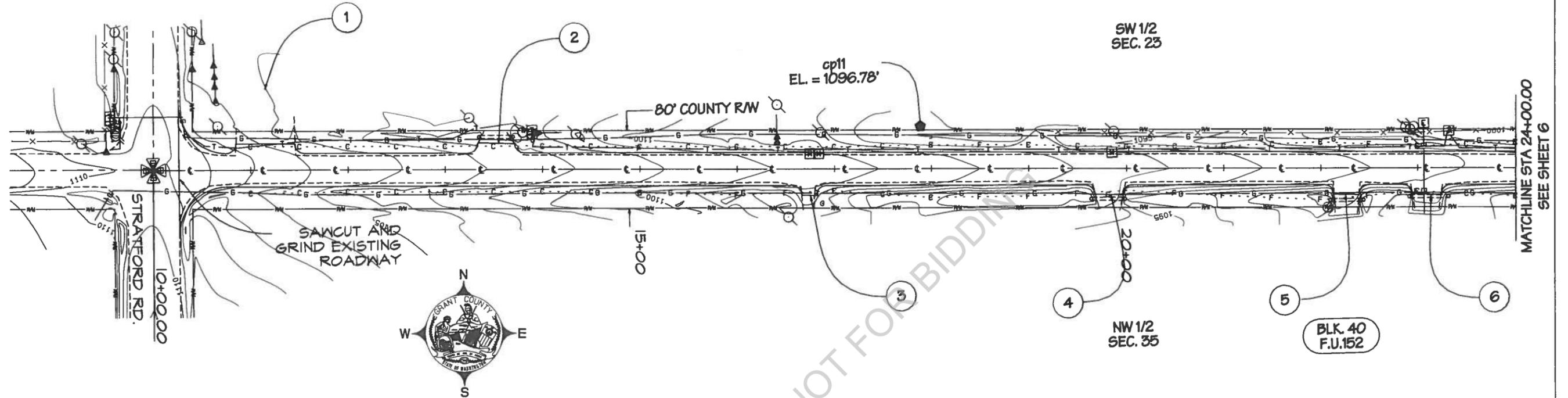
CRP 13-18

DESIGNED BY: BOB BERSANTI
 CHECKED BY: TODD MITTGE
 APPROVED BY: JEFF TINCHER
 REVISIONS BY:
 DATE REVISED:
 FEDERAL AID NO.:

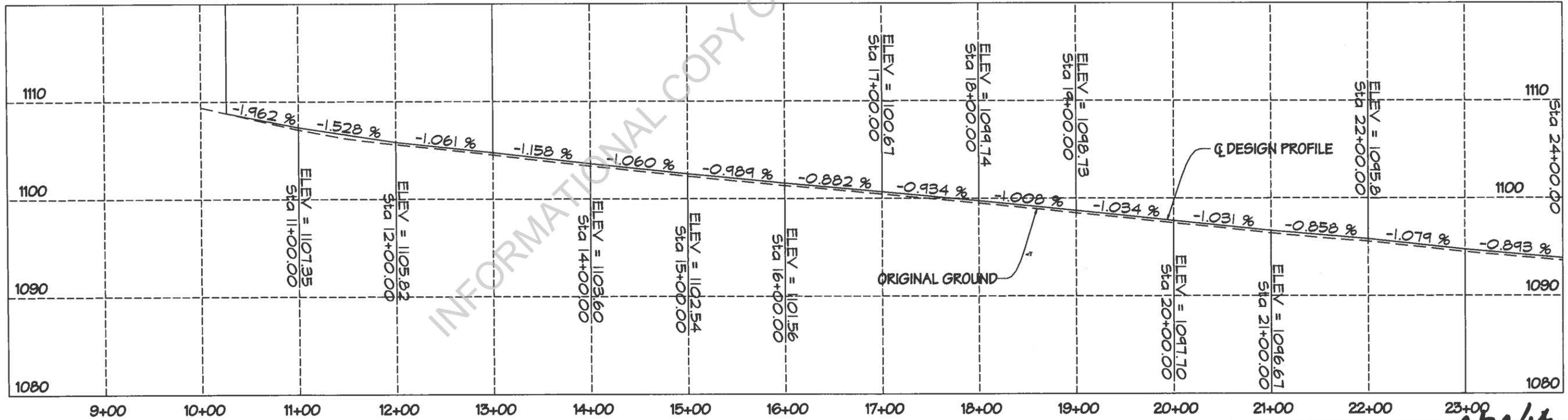


SHEET 4
 OF 19

TOWNSHIP 20N., RANGE 28E.W.M.



ROADWAY EXCAVATION = 209 C.Y.
EMBANKMENT = 138 C.Y.



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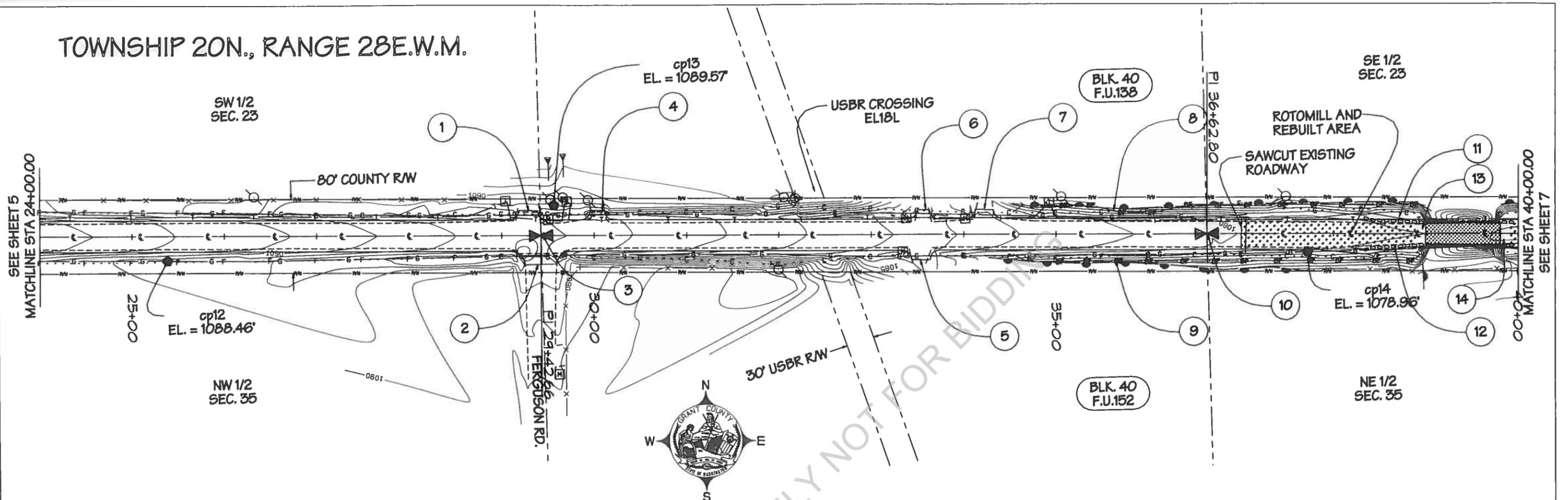
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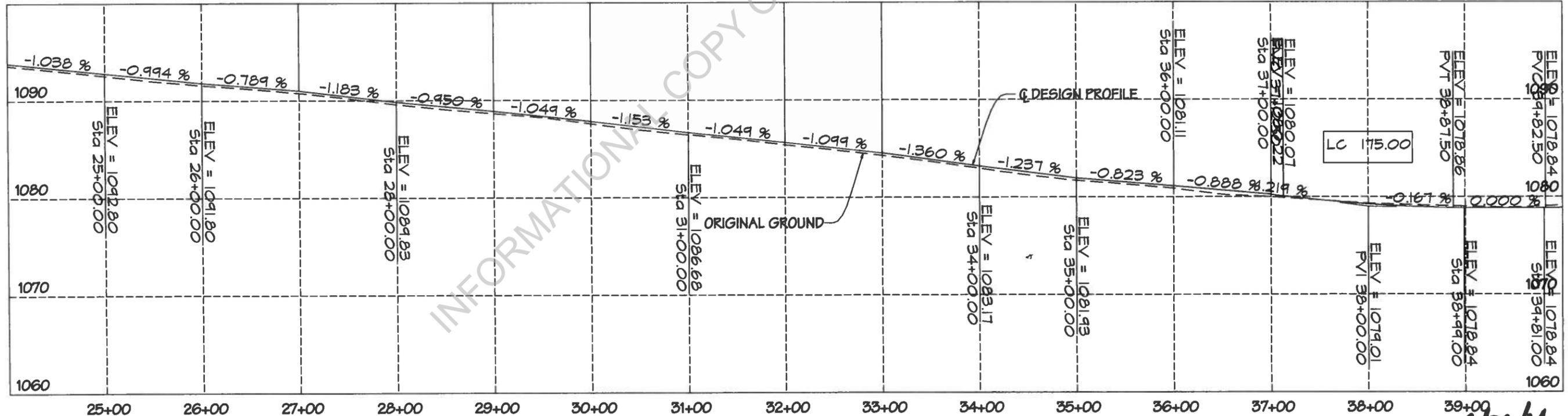
SHEET 5
OF 19

TOWNSHIP 20N., RANGE 28E.W.M.



ROADWAY EXCAVATION = 113 C.Y.
EMBANKMENT = 287 C.Y.

ROADWAY EXCAVATION = 683 C.Y.
EMBANKMENT = 818 C.Y.



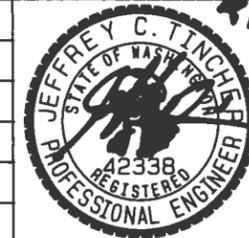
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7-NE ROAD RECONSTRUCTION

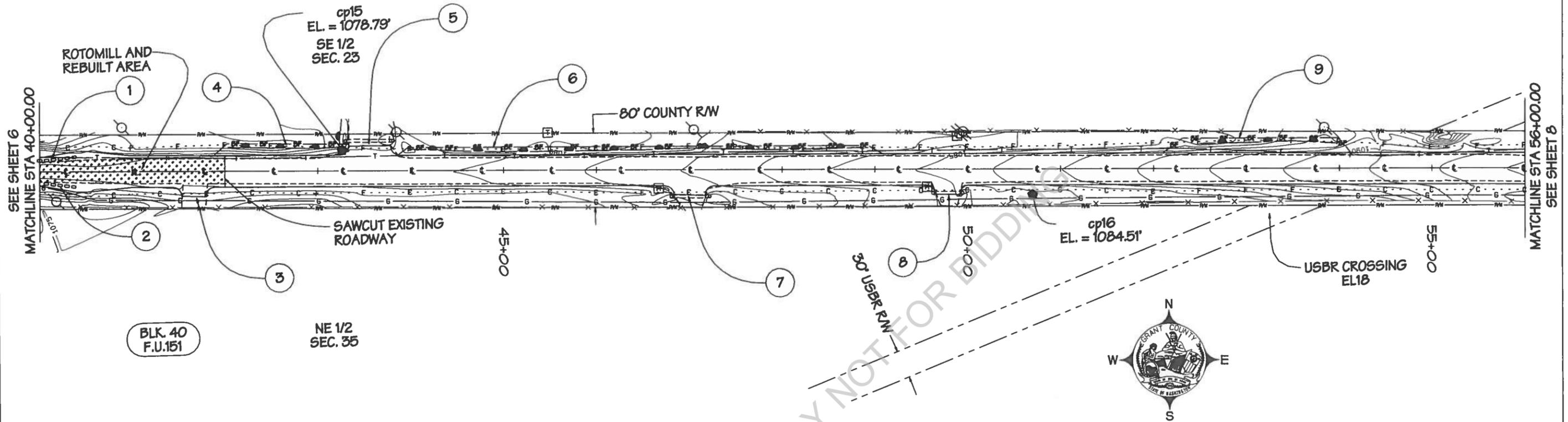
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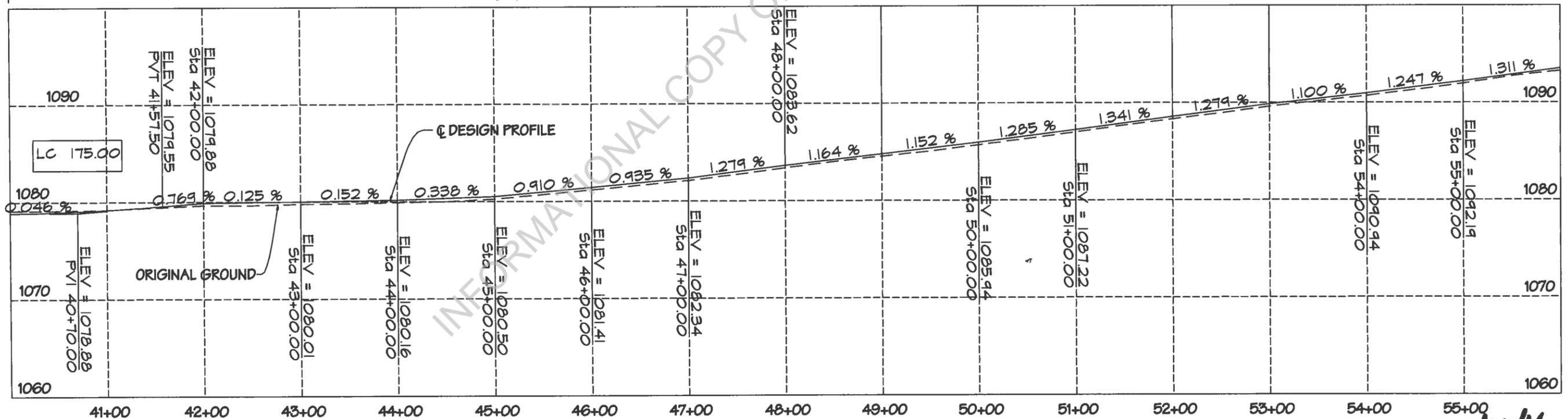
SHEET 6
OF 19

TOWNSHIP 20N., RANGE 28E.W.M.



ROADWAY EXCAVATION = 474 C.Y.
EMBANKMENT = 126 C.Y.

ROADWAY EXCAVATION = 144 C.Y.
EMBANKMENT = 185 C.Y.



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7-NE ROAD RECONSTRUCTION

CRP 13-18

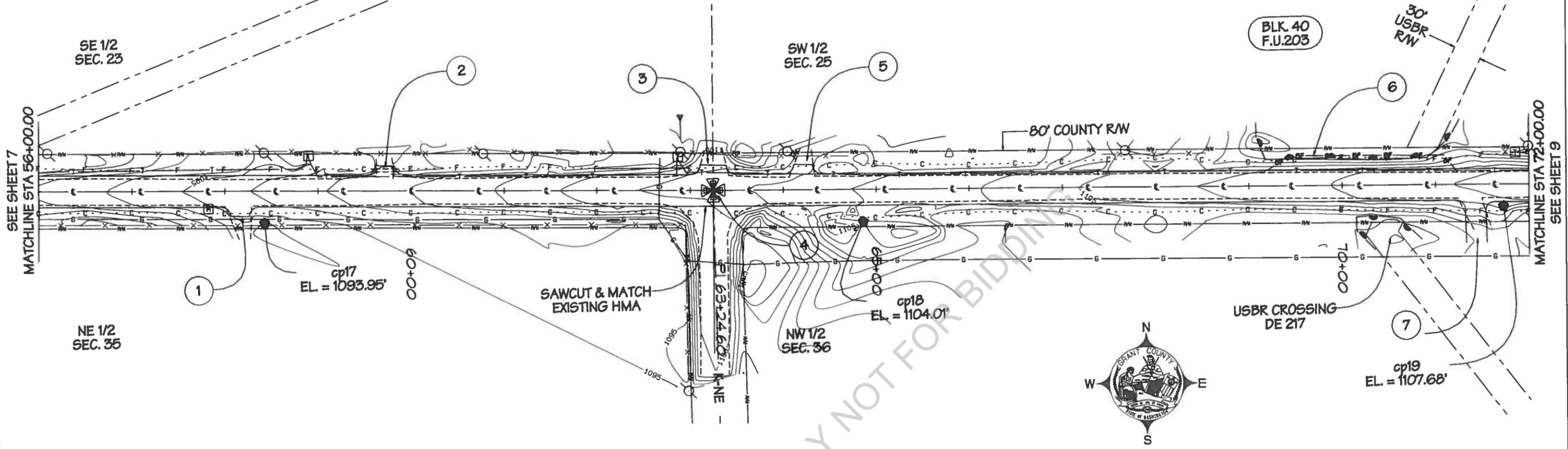
DESIGNED BY: BOB BERSANTI
CHECKED BY: TODD MITTGE
APPROVED BY: JEFF TINCHER
REVISIONS BY:
DATE REVISED:
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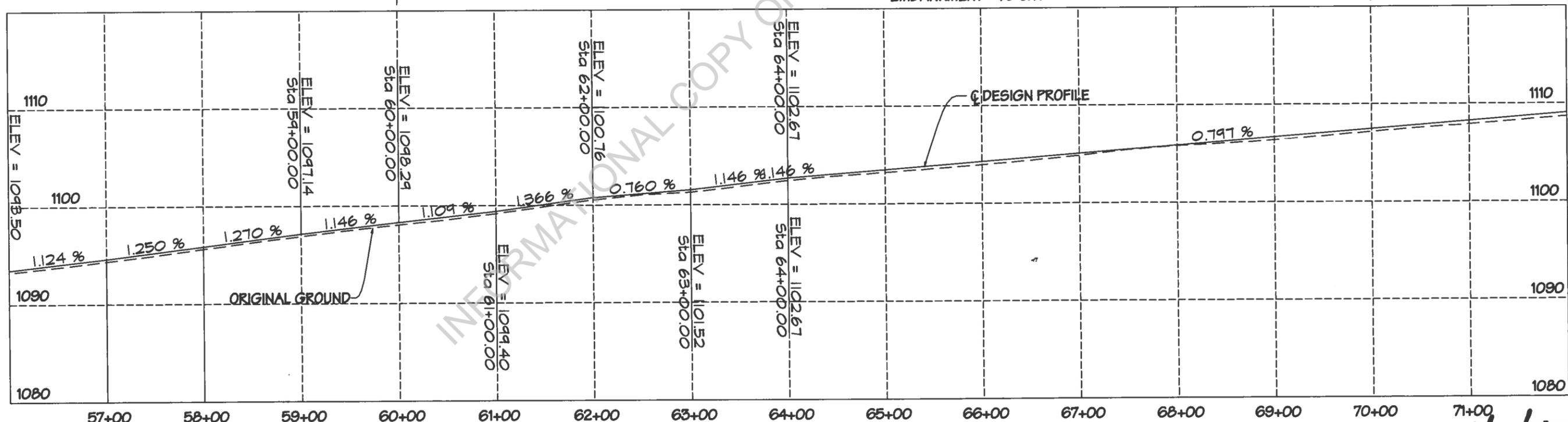
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TOWNSHIP 20N., RANGE 28E.W.M.



ROADWAY EXCAVATION = 932 C.Y.
EMBANKMENT = 78 C.Y.



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7-NE ROAD RECONSTRUCTION

CRP 13-18

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APPROVED BY: JEFF TINCHER
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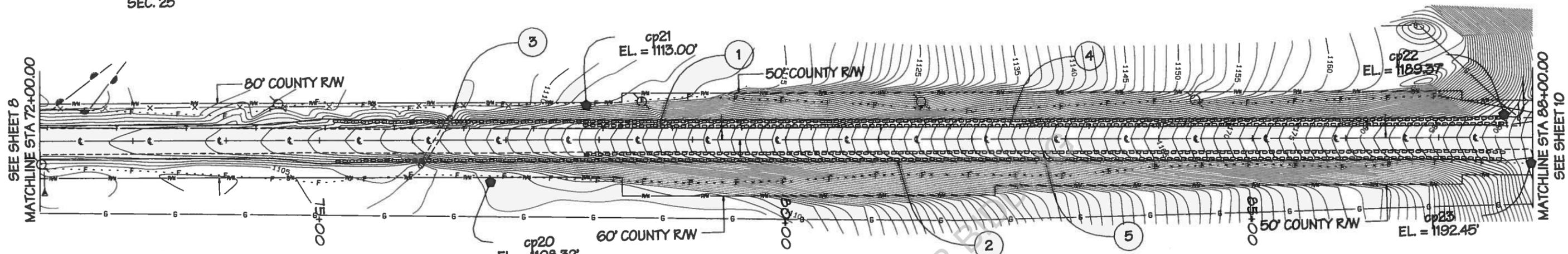
SHEET 8
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TOWNSHIP 20N., RANGE 28E.W.M.

BLK. 40
F.U.203

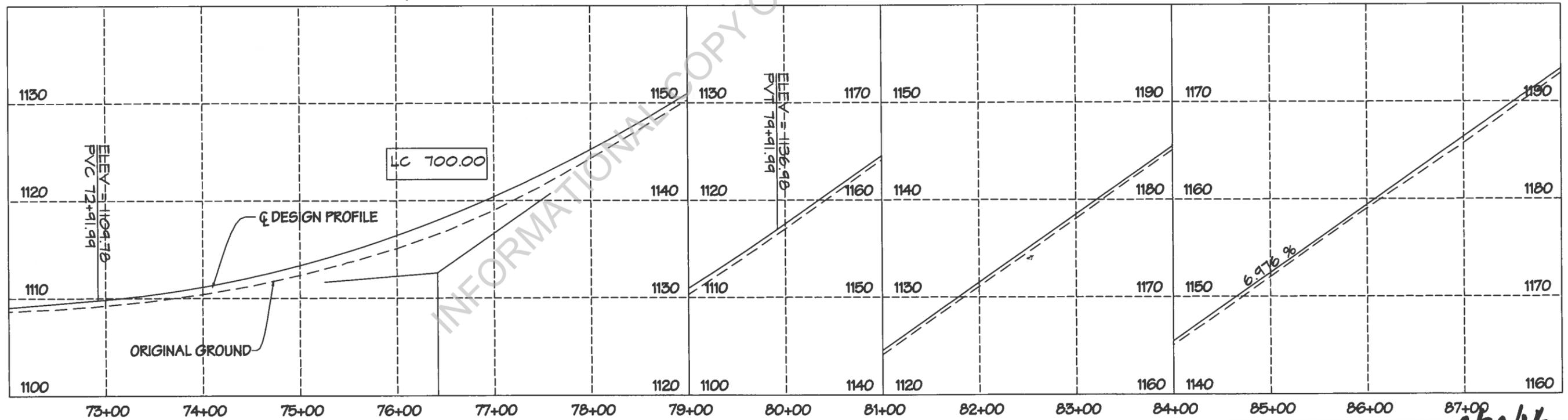
SW 1/2
SEC. 25

NW 1/2
SEC. 36



ROADWAY EXCAVATION = 403 C.Y.
EMBANKMENT = 2,622 C.Y.

ROADWAY EXCAVATION = 998 C.Y.
EMBANKMENT = 930 C.Y.



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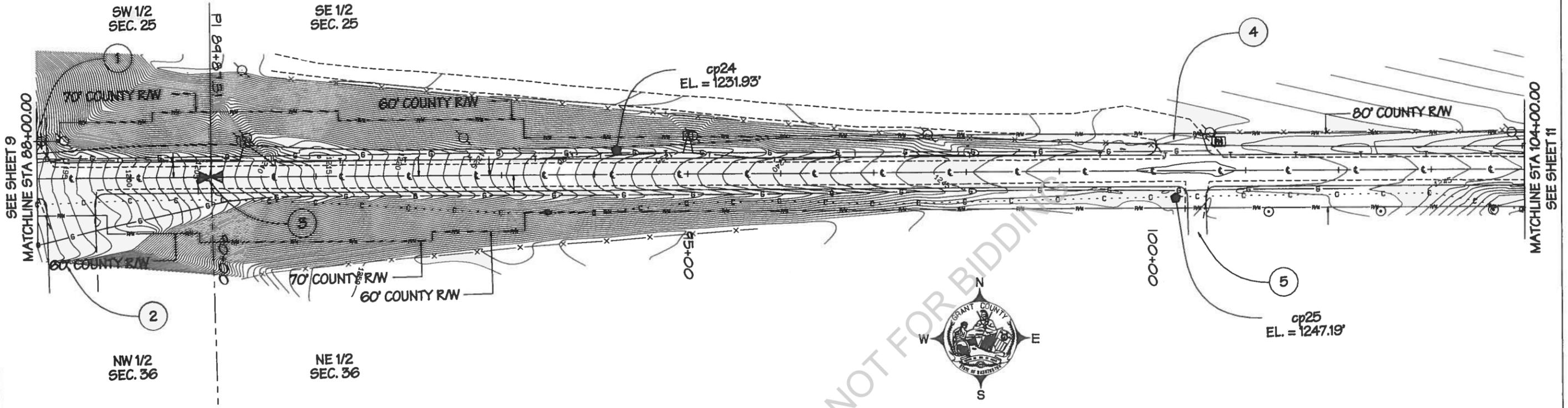
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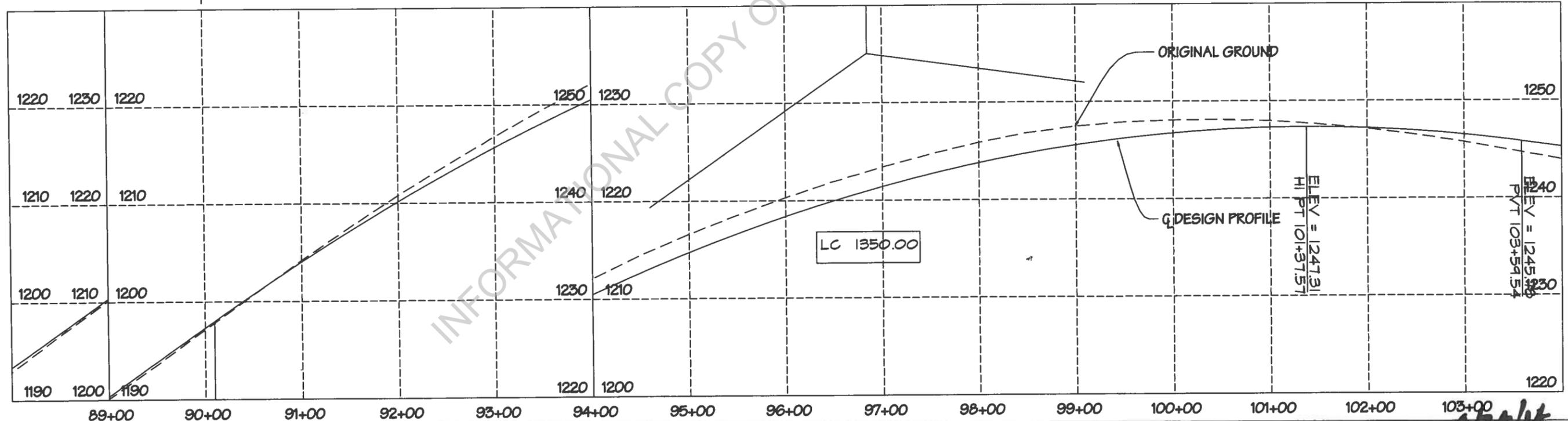


SHEET 9
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TOWNSHIP 20N., RANGE 28E.W.M.



ROADWAY EXCAVATION = 5,086 C.Y.
EMBANKMENT = 0 C.Y.



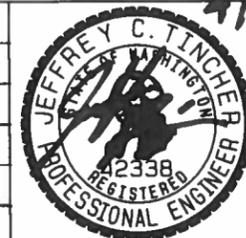
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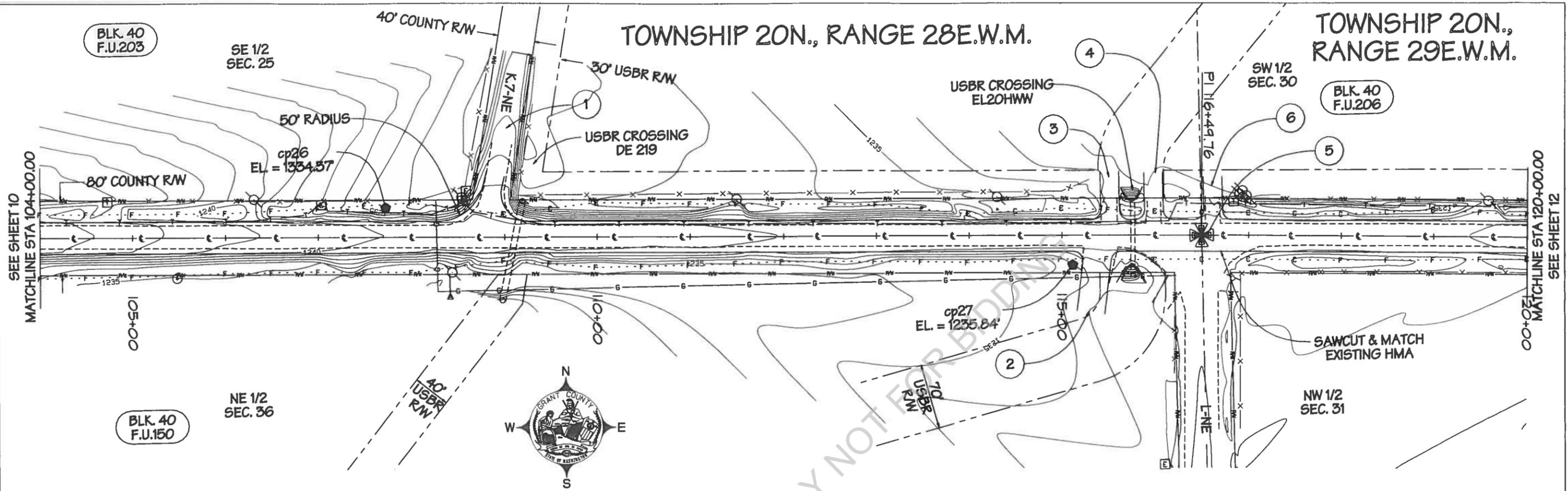
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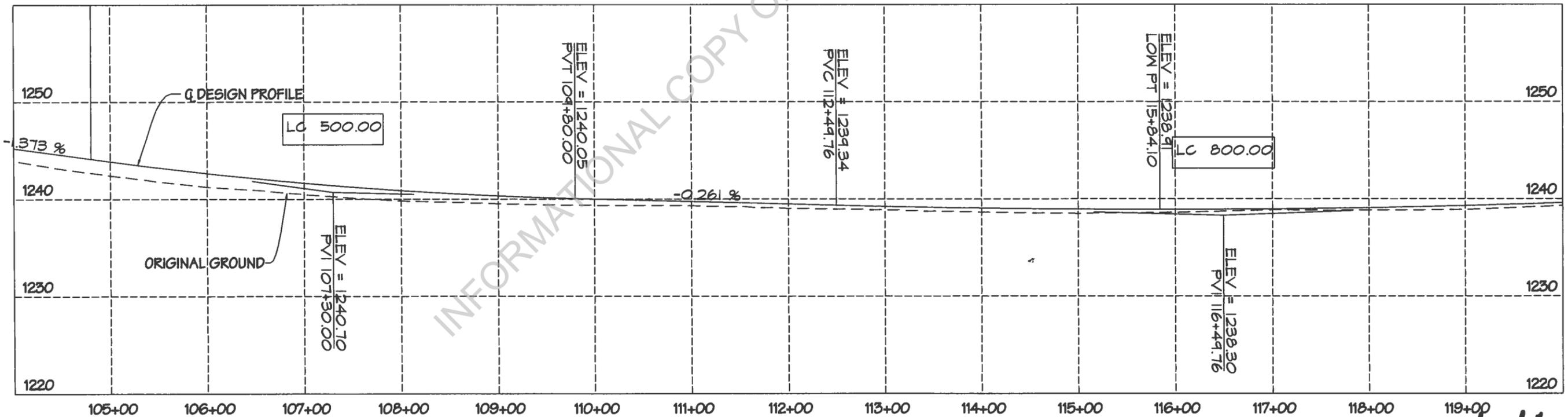


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ROADWAY EXCAVATION = 858 C.Y.
EMBANKMENT = 1,196 C.Y.

ROADWAY EXCAVATION = 952 C.Y.
EMBANKMENT = 539 C.Y.



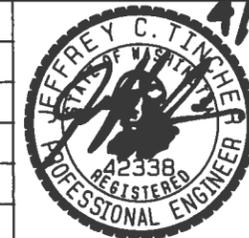
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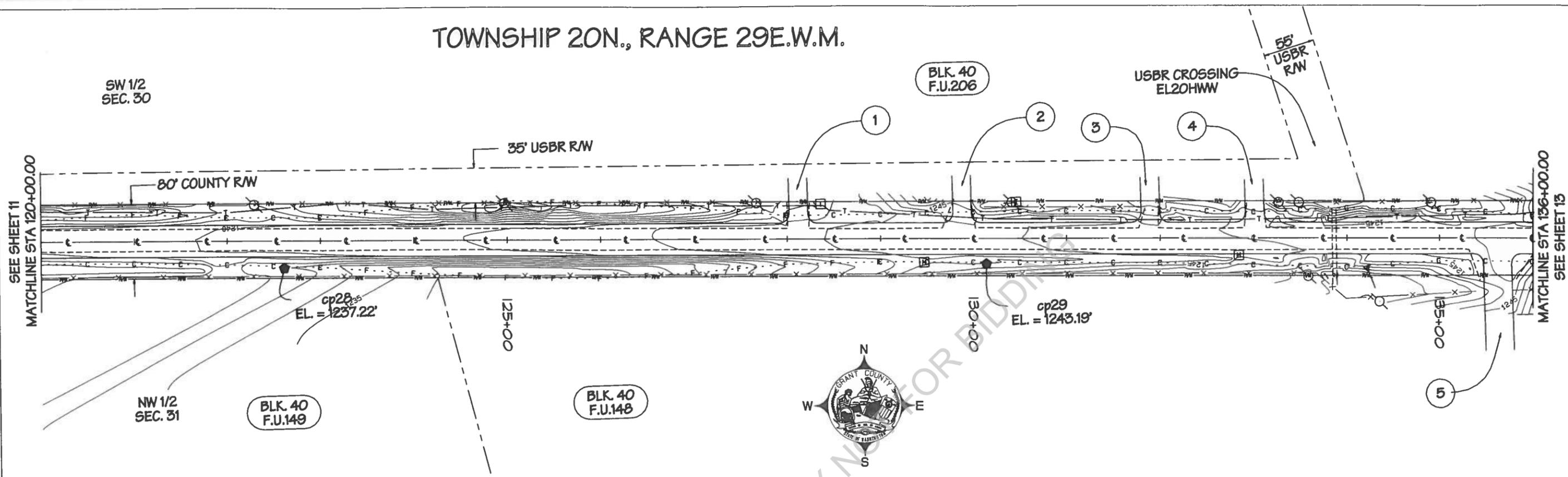
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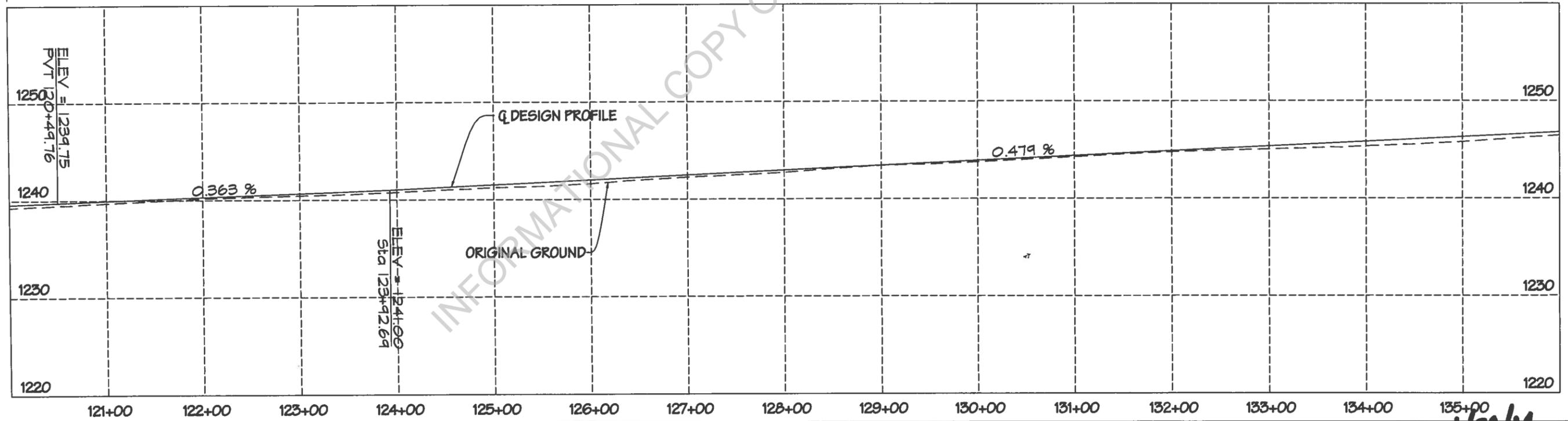
SHEET 11
OF 19

TOWNSHIP 20N., RANGE 29E.W.M.



ROADWAY EXCAVATION = 1,294 C.Y.
EMBANKMENT = 788 C.Y.

ROADWAY EXCAVATION = 1,664 C.Y.
EMBANKMENT = 987 C.Y.



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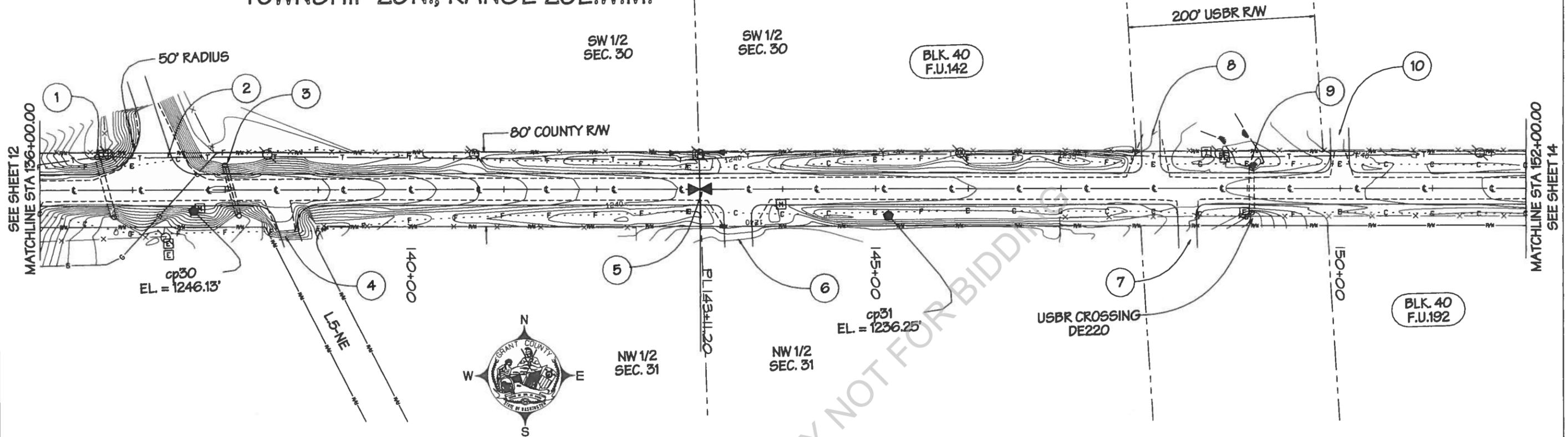
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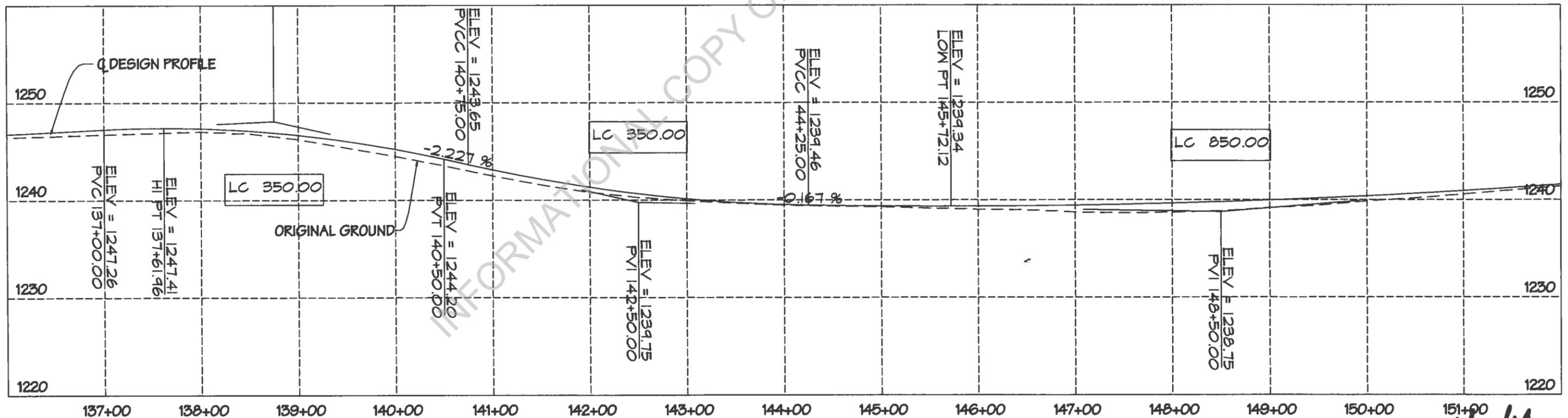
SHEET 12
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4/29/14

TOWNSHIP 20N., RANGE 29E.W.M.



ROADWAY EXCAVATION = 973 C.Y.
EMBANKMENT = 419 C.Y.



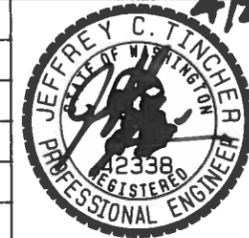
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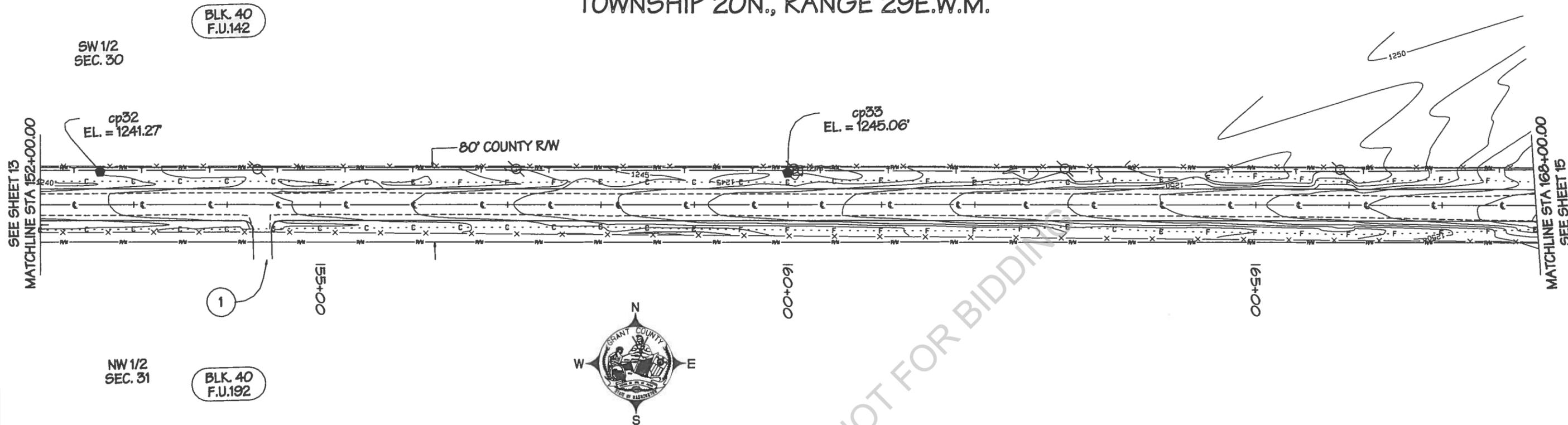
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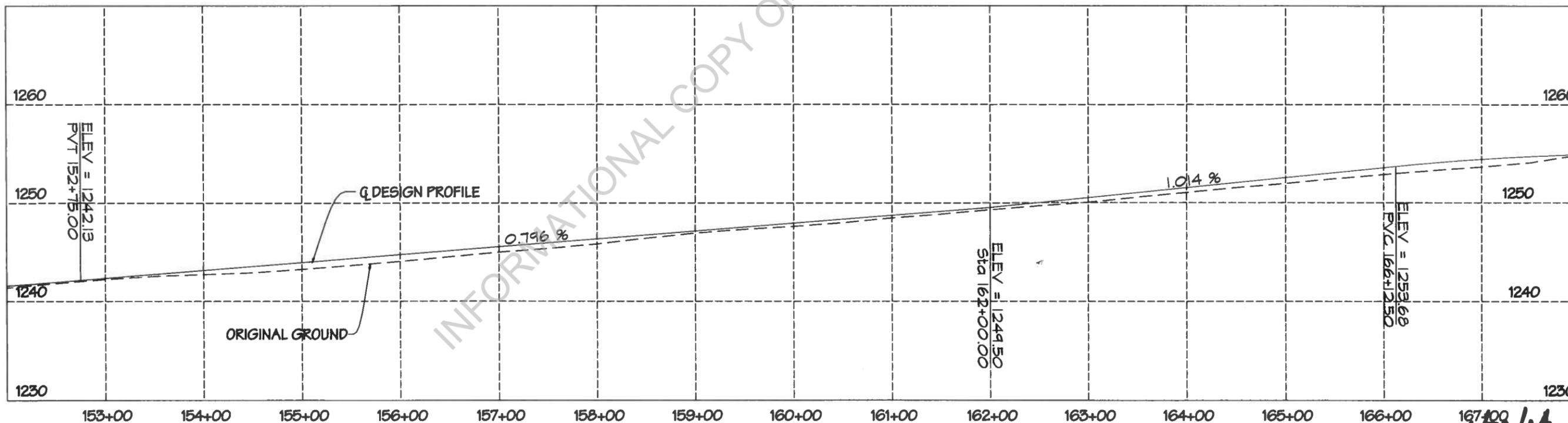
SHEET 13
OF 19

TOWNSHIP 20N., RANGE 29E.W.M.



ROADWAY EXCAVATION = 1,075 C.Y.
EMBANKMENT = 72 C.Y.

ROADWAY EXCAVATION = 1,686 C.Y.
EMBANKMENT = 872 C.Y.



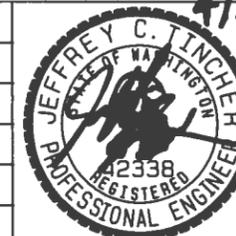
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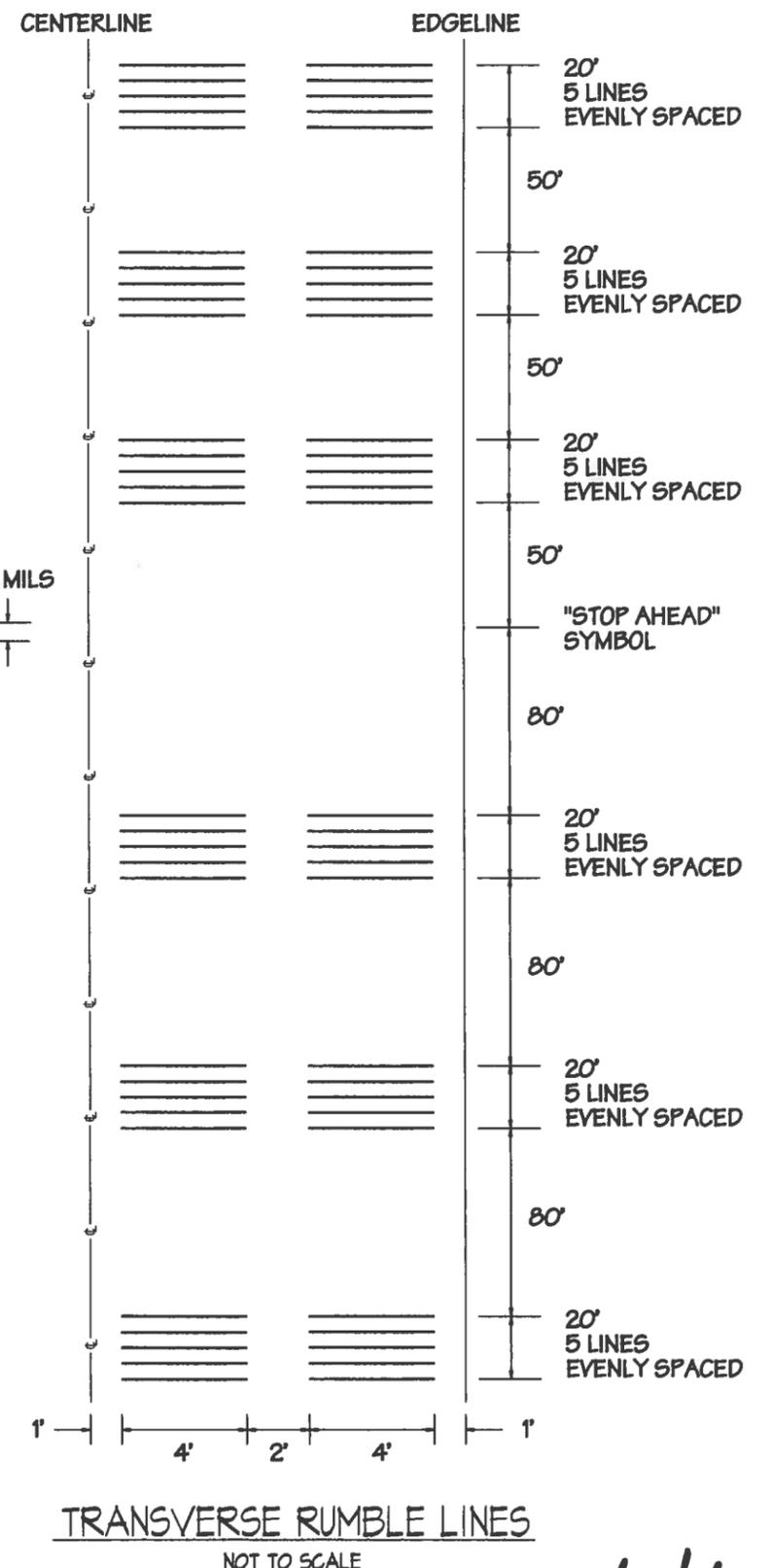
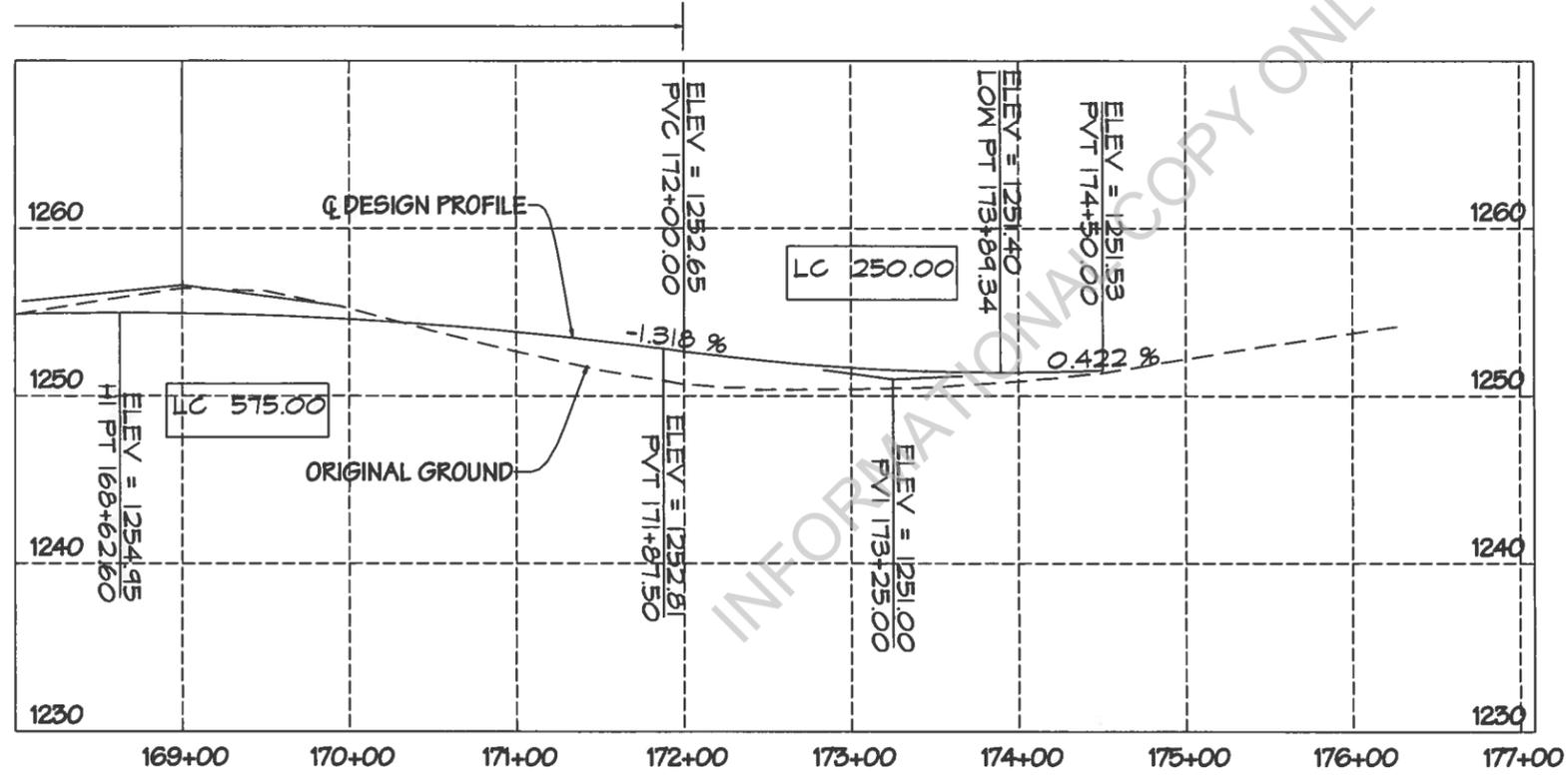
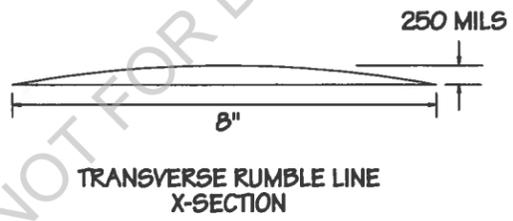
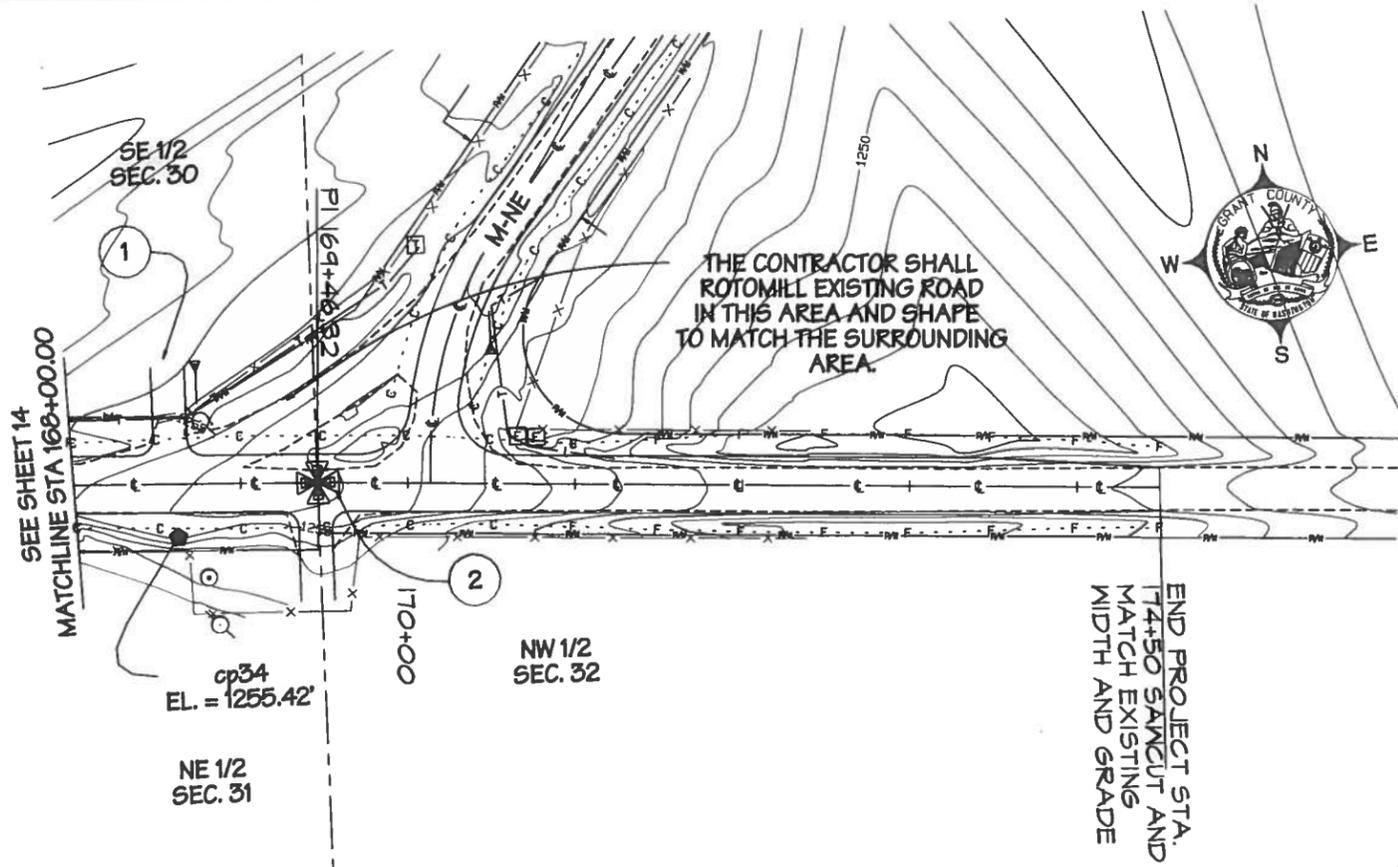
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7-NE ROAD RECONSTRUCTION

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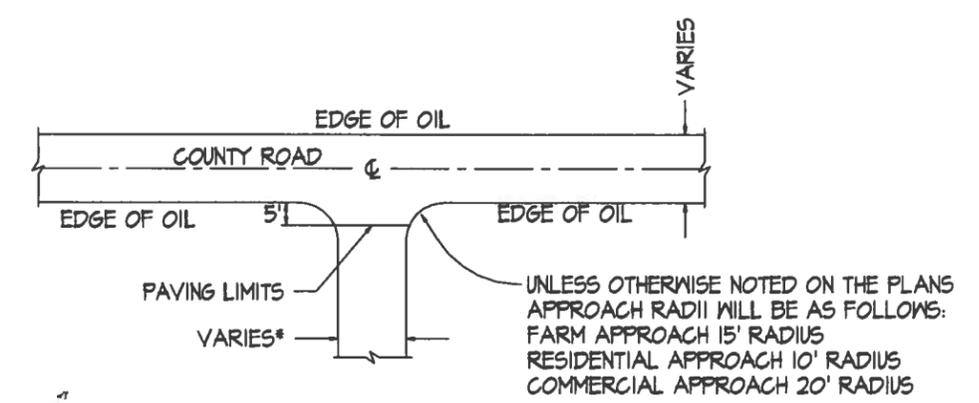
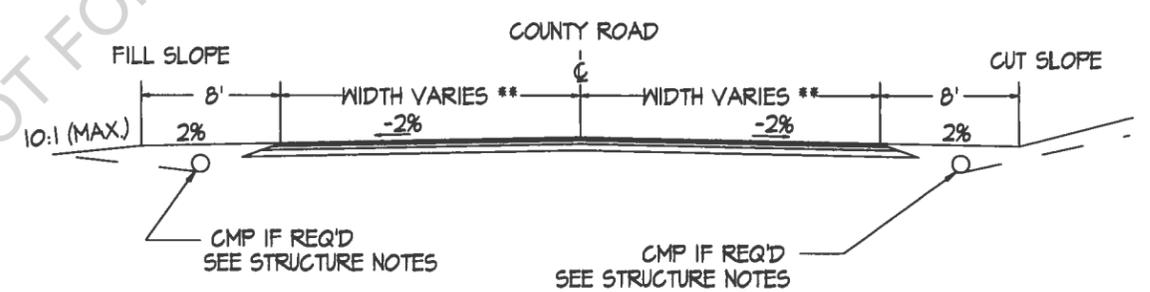
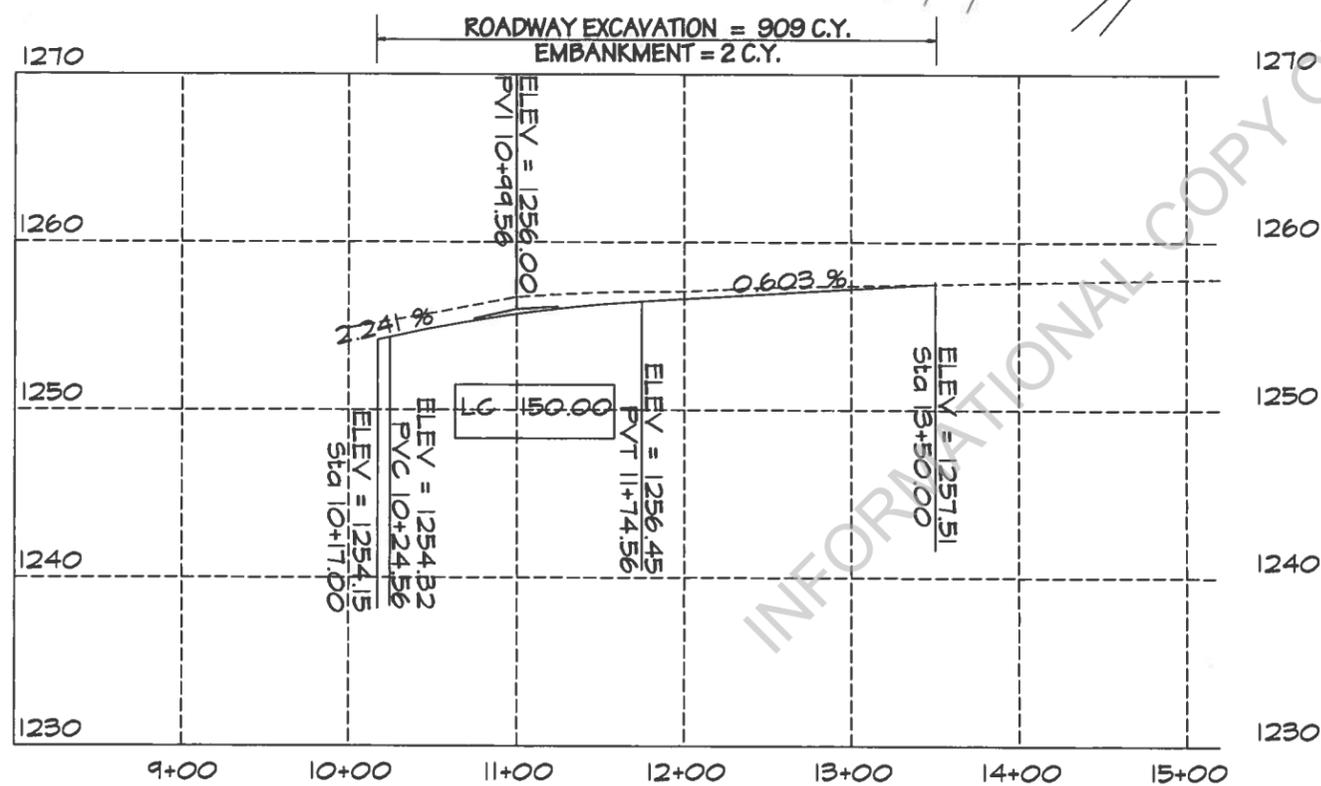
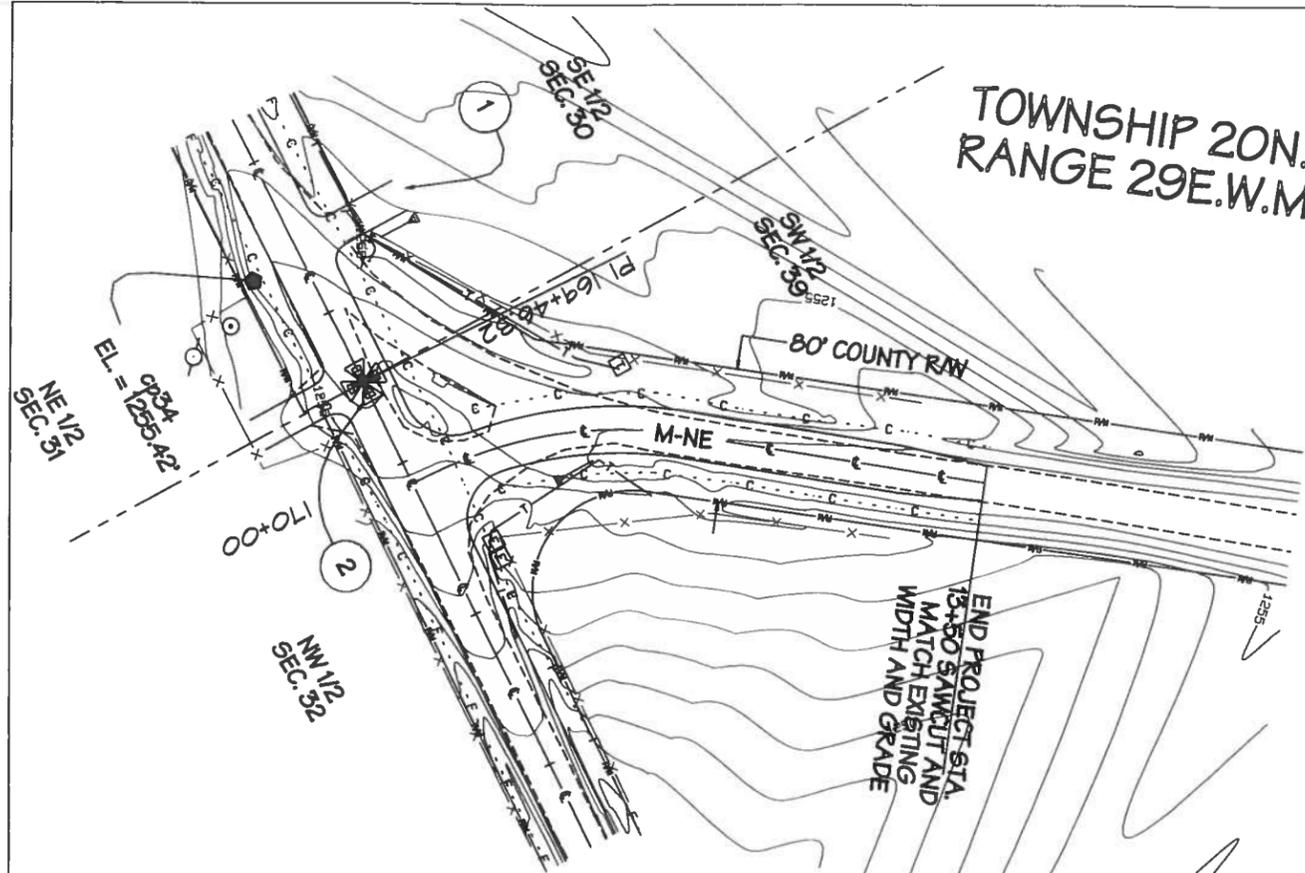
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4/29/14

TOWNSHIP 20N.,
RANGE 29E.W.M.



TYPICAL APPROACH

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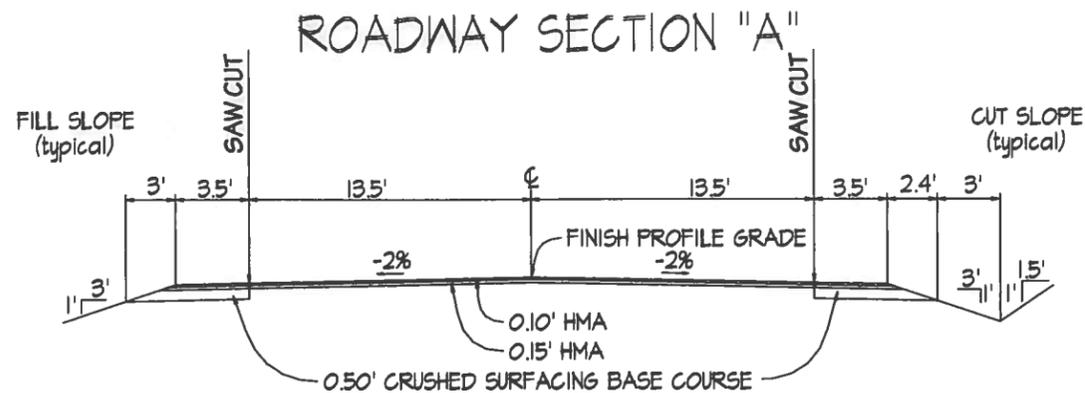
7-NE ROAD RECONSTRUCTION
M-NE PLAN AND PROFILE

CRP 13-18

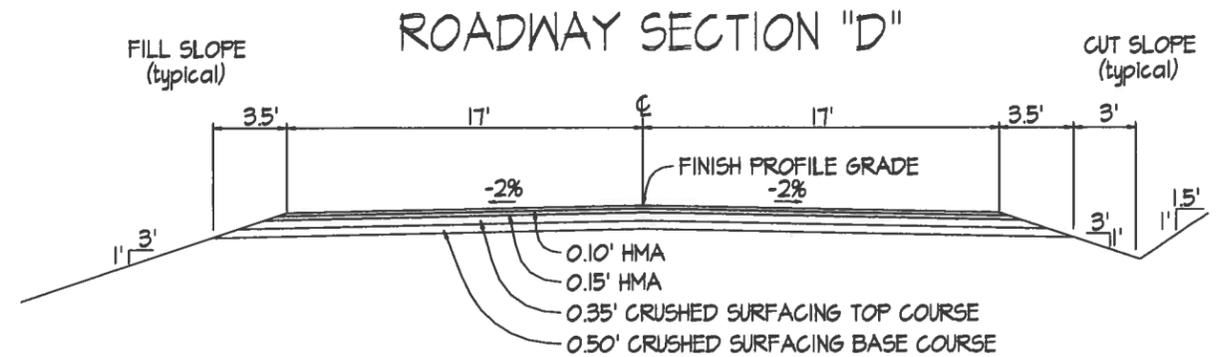
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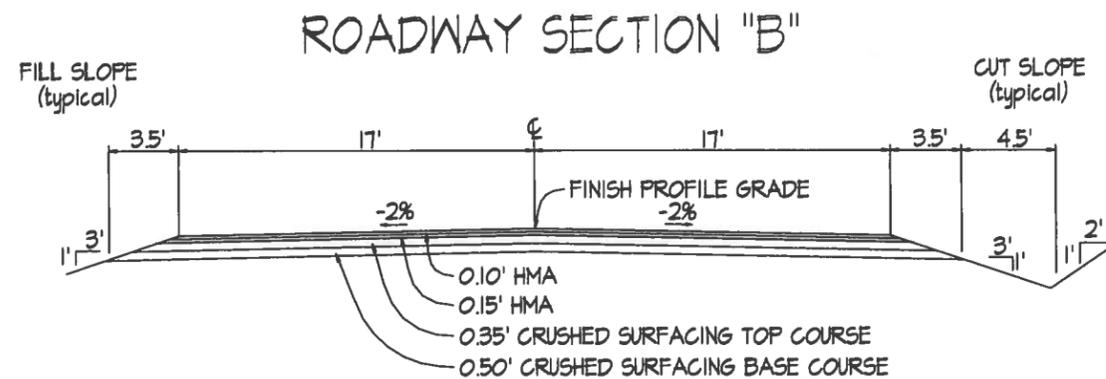
9/24/14



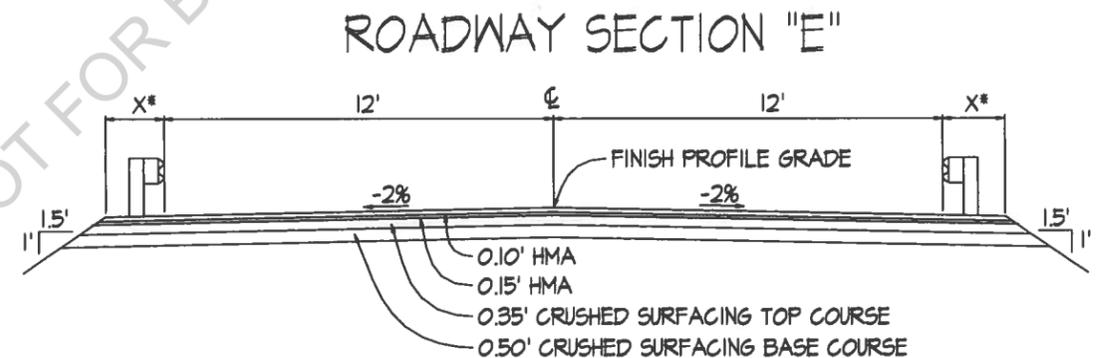
MATCH EXISTING ROADWAY STA 10+26
 TRANSITION EXISTING ROADWAY STA. 10+26 TO SECTION "A" STA. 11+00
 STA. 11+00 TO STA. 37+00
 TRANSITION ROADWAY SECTION "A" STA 37+00 TO ROADWAY SECTION "D" STA.37+01
 STA. 42+00 TO STA. 64+00
 TRANSITION ROADWAY SECTION "A" STA 64+00 TO ROADWAY SECTION "B" STA.65+00



STA. 37+01 TO STA. 37+80
 TRANSITION ROADWAY SECTION "D" STA 37+80 TO ROADWAY SECTION "E" STA.38+30
 STA. 41+00 TO STA. 41+99
 TRANSITION ROADWAY SECTION "D" STA 37+80 TO ROADWAY SECTION "A" STA.42+00
 STA. 88+20 TO STA. 172+00

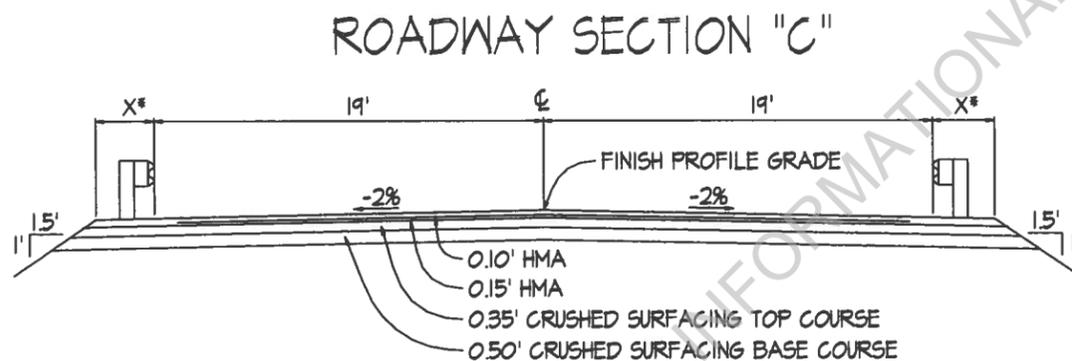


STA. 65+00 TO STA. 74+50
 TRANSITION ROADWAY SECTION "B" STA 74+50 TO ROADWAY SECTION "C" STA. 75+00



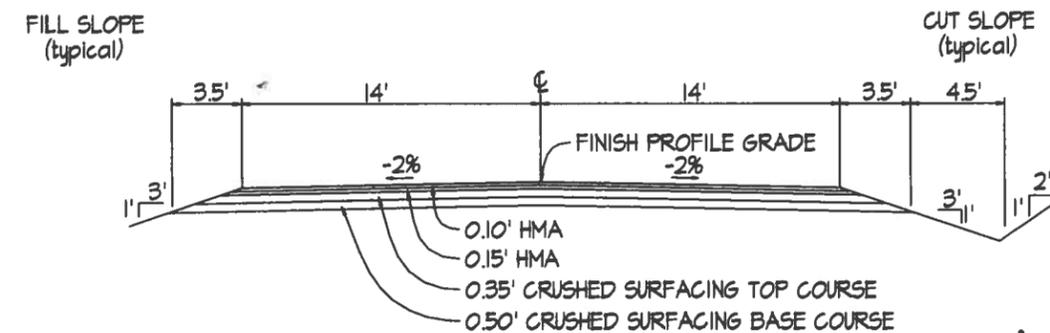
STA. 37+01 TO STA. 37+80
 TRANSITION ROADWAY SECTION "D" STA 37+80 TO ROADWAY SECTION "E" STA.38+30

STATION	X	STATION	X
38+30	10'	39+81	3'
38+40	10'	40+00	3'
38+80	3'	40+40	15'
38+99	3'	40+50	15'



STATION	X	STATION	X
75+00	4'	87+20	2.5'
75+10	4'	87+60	4'
75+50	2.5'	87+70	4'

TYPICAL ROADWAY SECTION M-NE



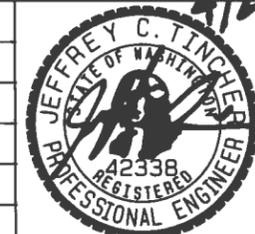
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7-NE ROAD RECONSTRUCTION TYPICAL ROADWAY DETAILS

CRP 13-18

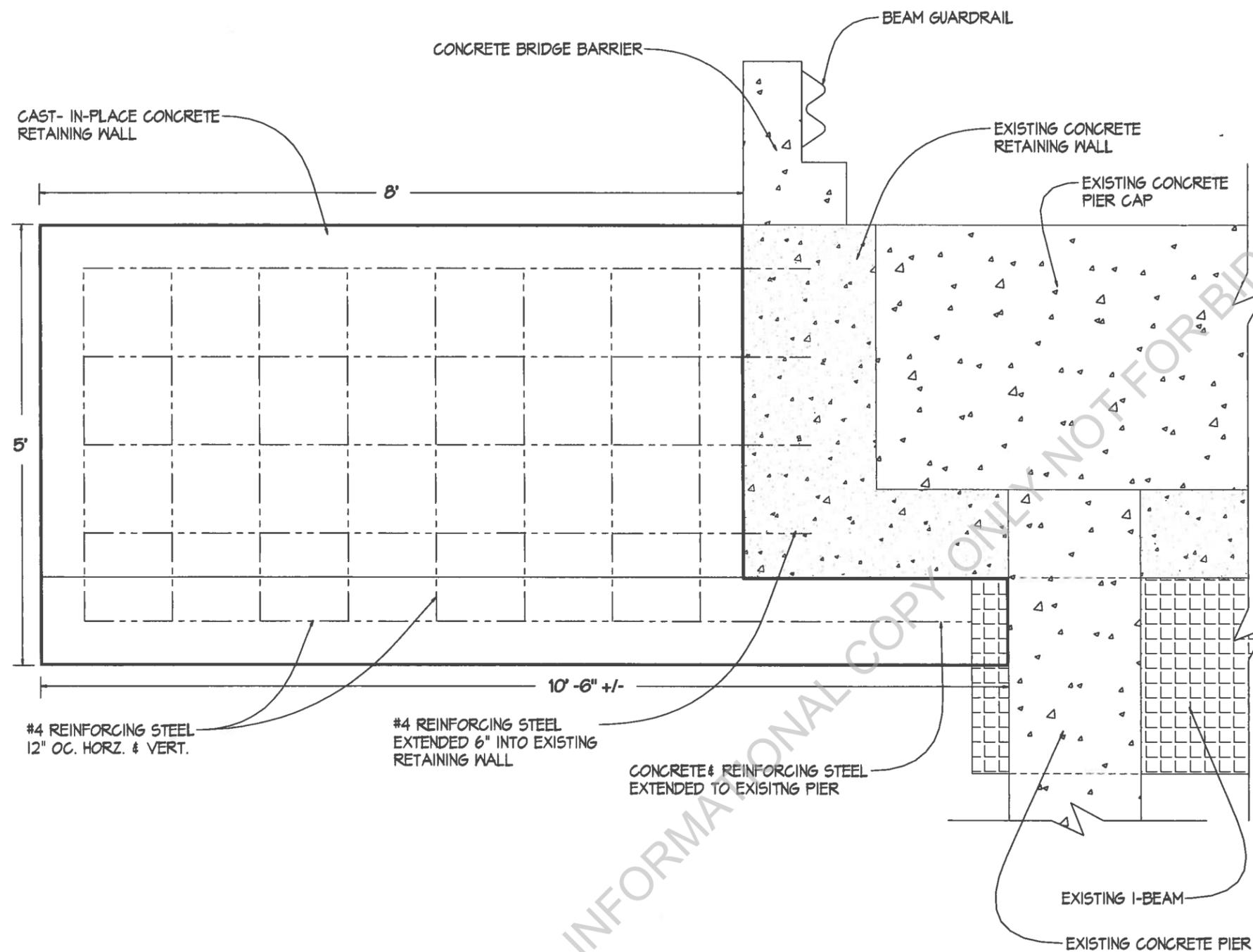
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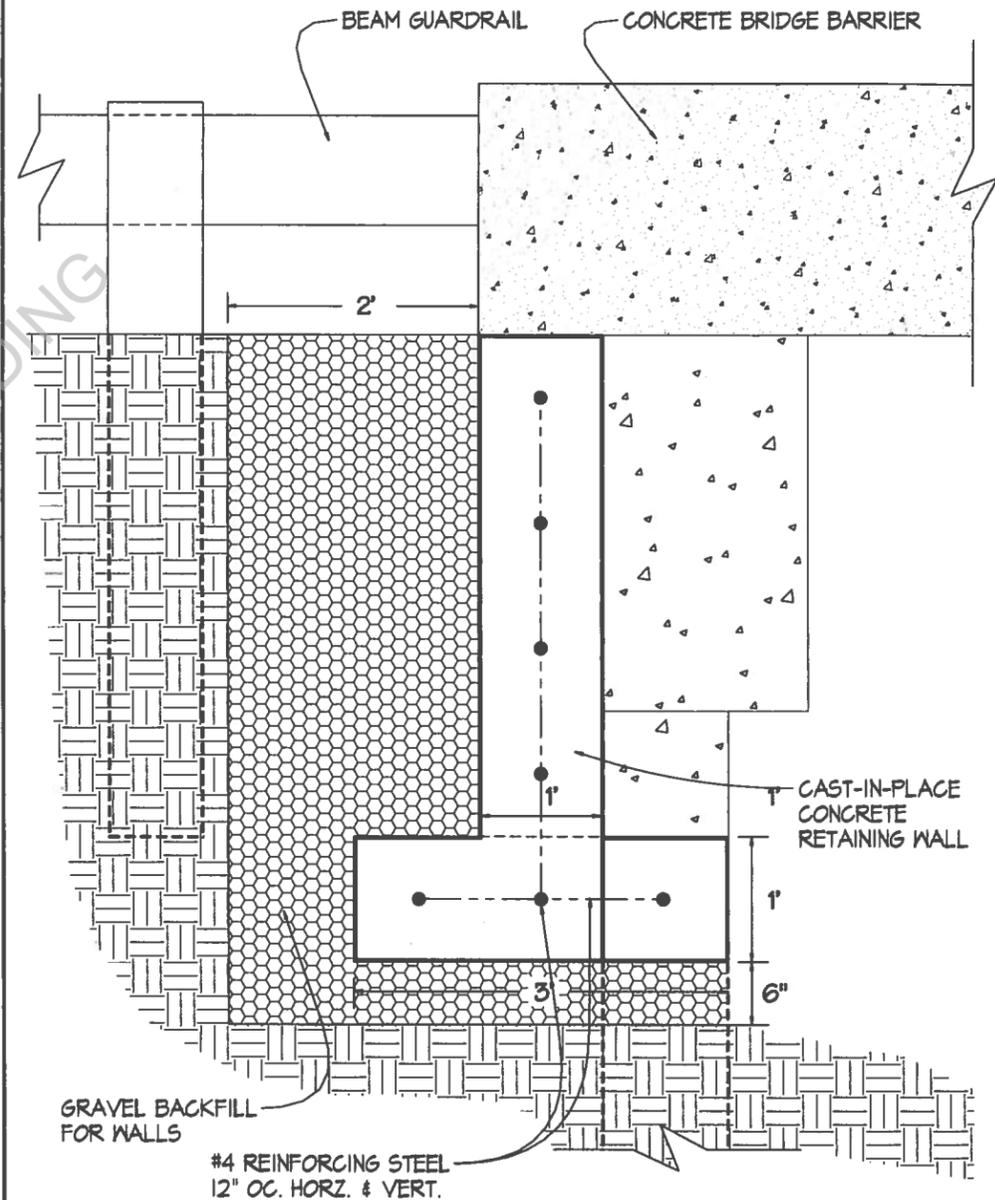
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SIDE VIEW



END VIEW

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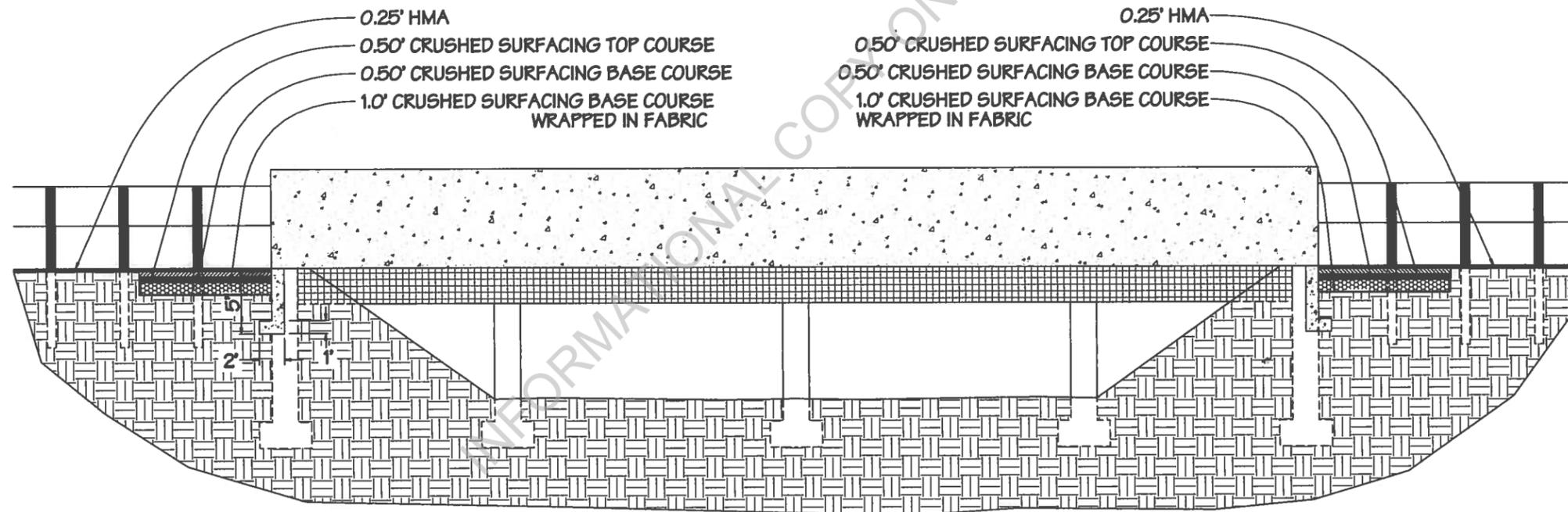
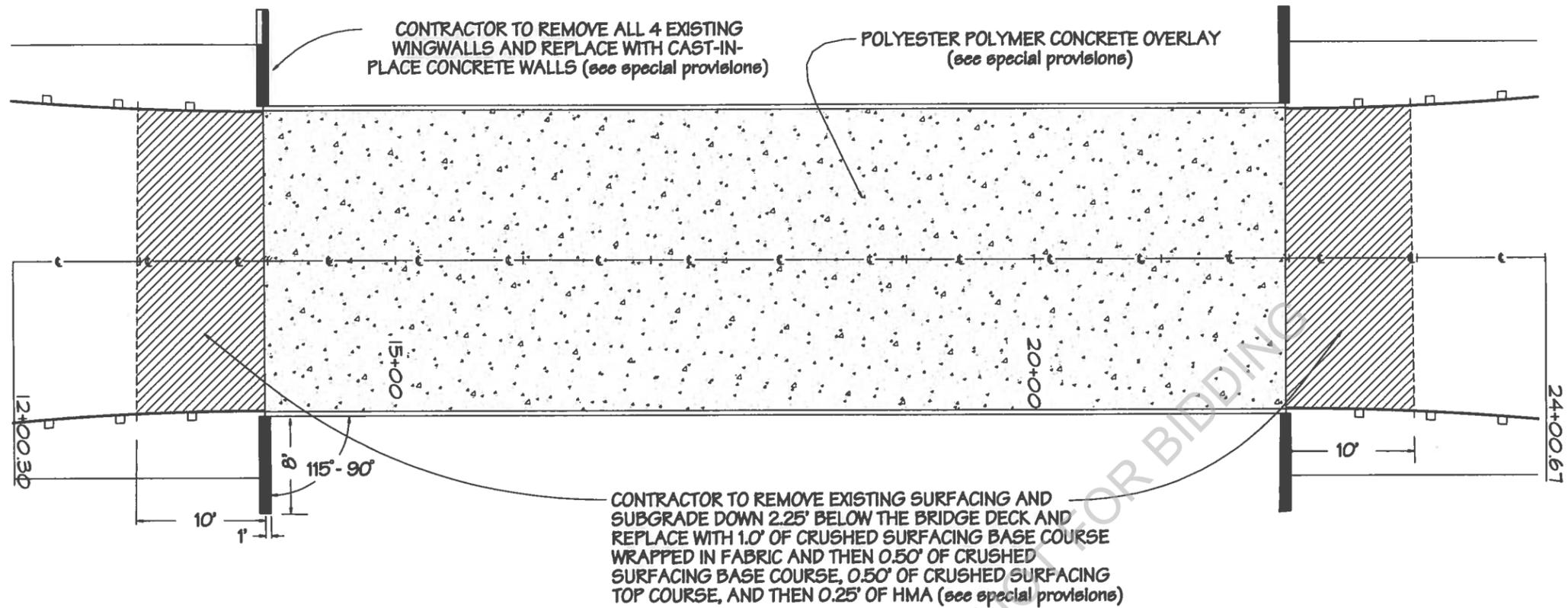


7-NE ROAD RECONSTRUCTION
 WING WALL DETAILS
 (not to scale)
 CRP 13-18

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 SHEET 18
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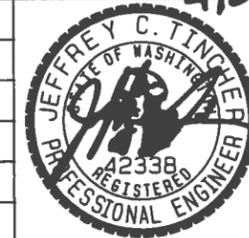
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7-NE ROAD RECONSTRUCTION
 BRIDGE #215 DETAILS

CRP 13-18

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SHEET 19
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