

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE N/A	PAGE 1 of 2
2. AMENDMENT/MODIFICATION NO. <b>A005</b>	3. EFFECTIVE DATE <b>08/6/08</b>	4. REQUISITION/PURCHASE NO. N/A	5. PROJECT NO. (If applicable) <b>WA FS ERFO 2007(1)-20(18)</b> <b>WA FS ERFO 2008(1)-20(1)</b>	
6. ISSUED BY Department of Transportation Federal Highway Administration 610 East Fifth Street Vancouver WA 98661-3801		CODE N/A	7. ADMINISTERED BY (If other than Item 6) CODE N/A	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)			<b>X</b>	9A. AMENDMENT OF SOLICITATION NO. DTFH70-08-R-00024
CODE: N/A FACILITY CODE: N/A				9B. DATED (SEE ITEM 11) 07/01/08
				10A. MODIFICATION OF CONTRACT/ORDER NO. N/A
				10B. DATED (SEE ITEM 13) N/A

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers

( ) is extended. (  ) is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

A	THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. N/A
B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). N/A
C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: N/A
D	OTHER (Specify type of modification and authority) N/A

**E. IMPORTANT: Contractor n/a is not, n/a is required to sign this document and return n/a copies to the issuing office.**

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**WA FS ERFO 2007(1)-20(18), Coal Lake Road and Mallardy Creek Bridge Emergency Repairs**  
**WA FS ERFO 2008(1)-20(1) Hard Creek Bridge Emergency Repair**

See page 2 for Revisions.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.			
15a. NAME AND TITLE OF SIGNER (Type or print)		15a. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		N/A	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ (Signature of person authorized to sign)		BY <u>N/A</u> (Signature of Contracting Officer)	N/A

Amendment No. A005, dated August 6, 2008  
Solicitation No. DTFH70-08-R-00024

WA FS ERFO 2007(1)-20(18)  
Coal Lake Road and Mallardy  
Creek Bridge Emergency Repairs  
WA FS ERFO 2008(1)-20(1)  
Hard Creek Bridge Emergency Repair

Page 2

## **REVISIONS ARE AS FOLLOWS:**

### **PLANS**

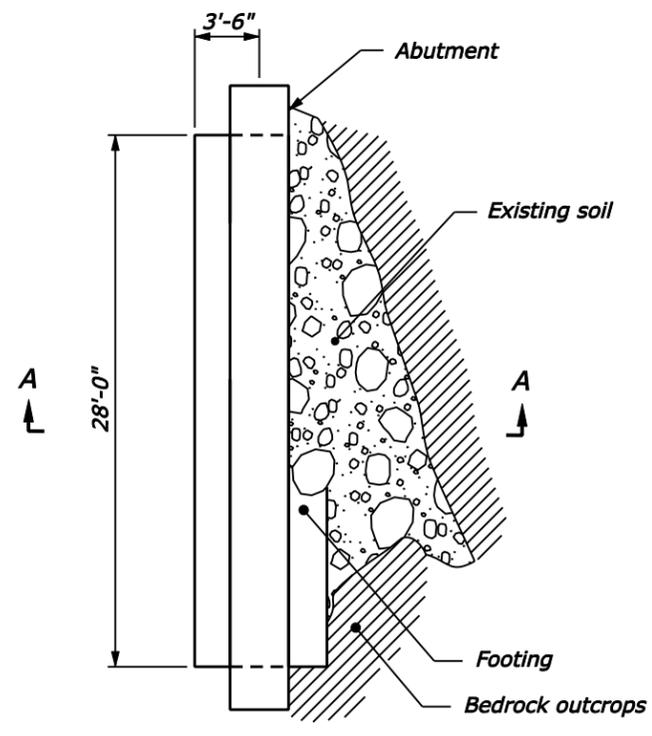
Plan sheet #B.3	Revises "Abutment No.1 Proposed Repair" detail
Plan sheet #B.4	Revises "Abutment No.2 Proposed Repair" detail
Plan sheet #B.5	Revises dowel and drain pipe details

### **ENCLOSURES**

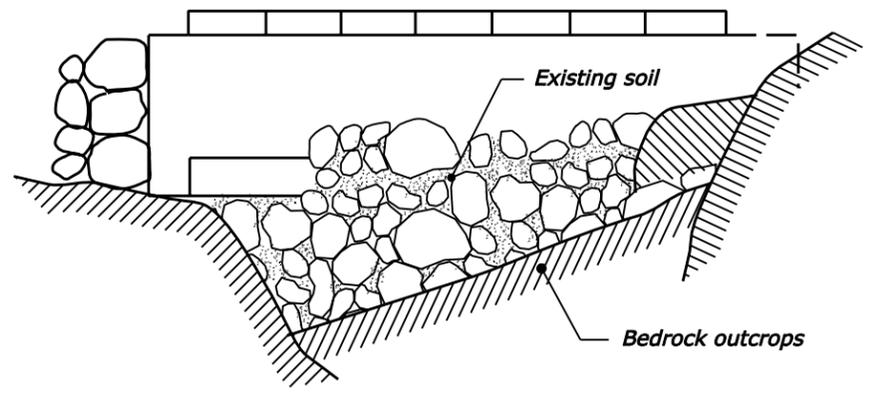
Plan Sheets:  
Sheets B.3 through B.5

07/2008 A. Varney Checked by: 07/2008 B. Collins Designed by: \$DATE\$ \$PATH\$

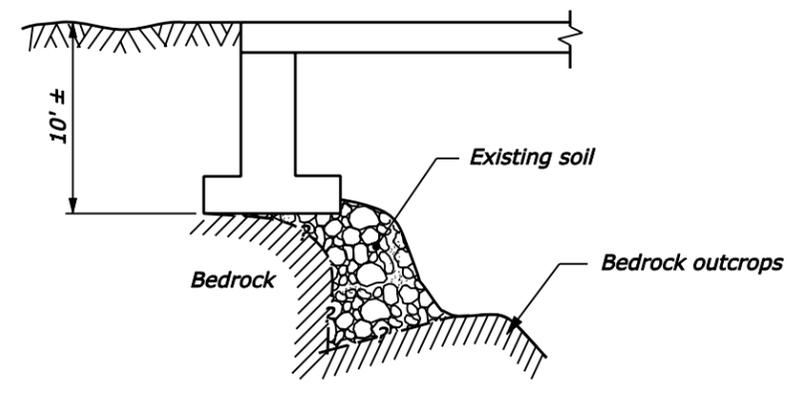
STATE	PROJECT	SHEET NUMBER
WA	FS ERFO 2008(1)-20(1)	B.3



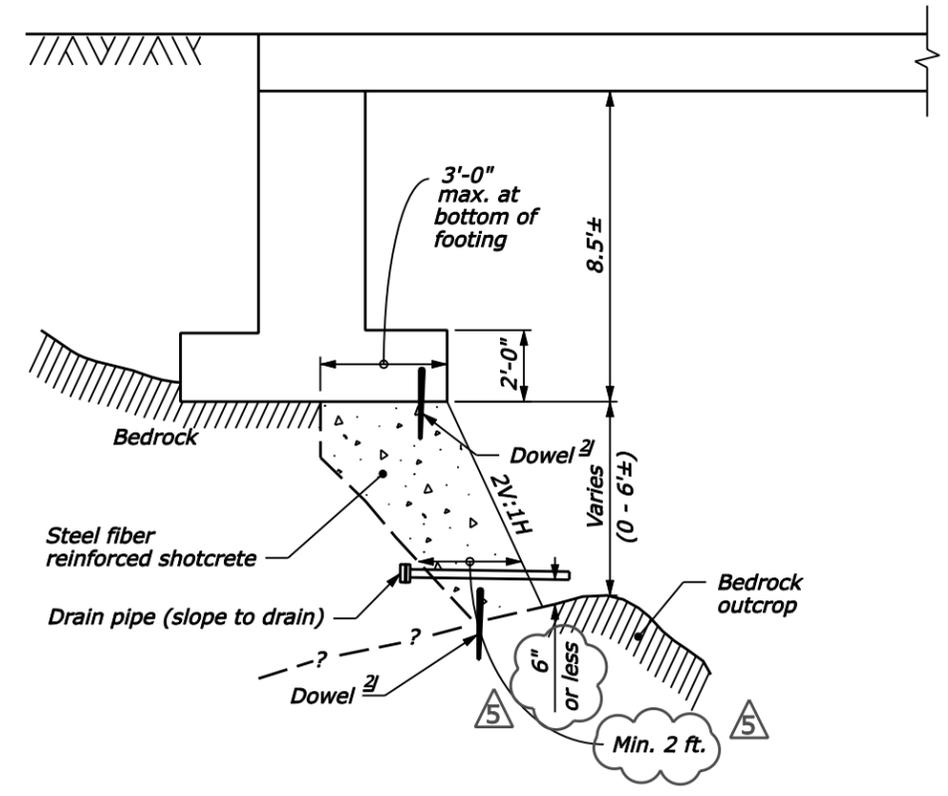
PLAN VIEW



ELEVATION  
**ABUTMENT NO. 1**  
**EXISTING CONDITIONS**



SECTION A-A



**ABUTMENT NO. 1**  
**PROPOSED REPAIR**

INFORMATIONAL QUANTITIES <sup>1/</sup>	
DESCRIPTION	QUANTITY
Excavation	70 cuyd
Steel - fiber reinforced shotcrete	26 cuyd
24" long #6 rebar dowels	28 each
24" long #8 rebar dowels	28 each
Drain pipe	22 each

<sup>5/</sup> Revised under Amendment 5.

**NOTE:**

1. Complete removal of boulders leaning against the bridge slab and damaged prestressed slab before beginning any work on or below the bridge.
2. Divert the creek away from the work area as needed to complete the repairs in the dry.
3. Stage foundation repairs so that less than 10 feet of footing, measured perpendicular to centerline, is repaired during each stage. Repair each footing in no less than 3 stages. Do not excavate any material adjacent to more than 10 feet of the footing during each stage. Complete repairs of the void area below the Abutment No. 2 footing during the first stage.
4. Remove all soil, rock and debris to the horizontal limits shown below the footing and extend excavation vertically down to bedrock. Clean the underlying bedrock surface by removing all loose material. Do not overexcavate more than 1 foot into bedrock.
5. See Dowel Details on Sheet B.5.

**FOOTNOTE:**

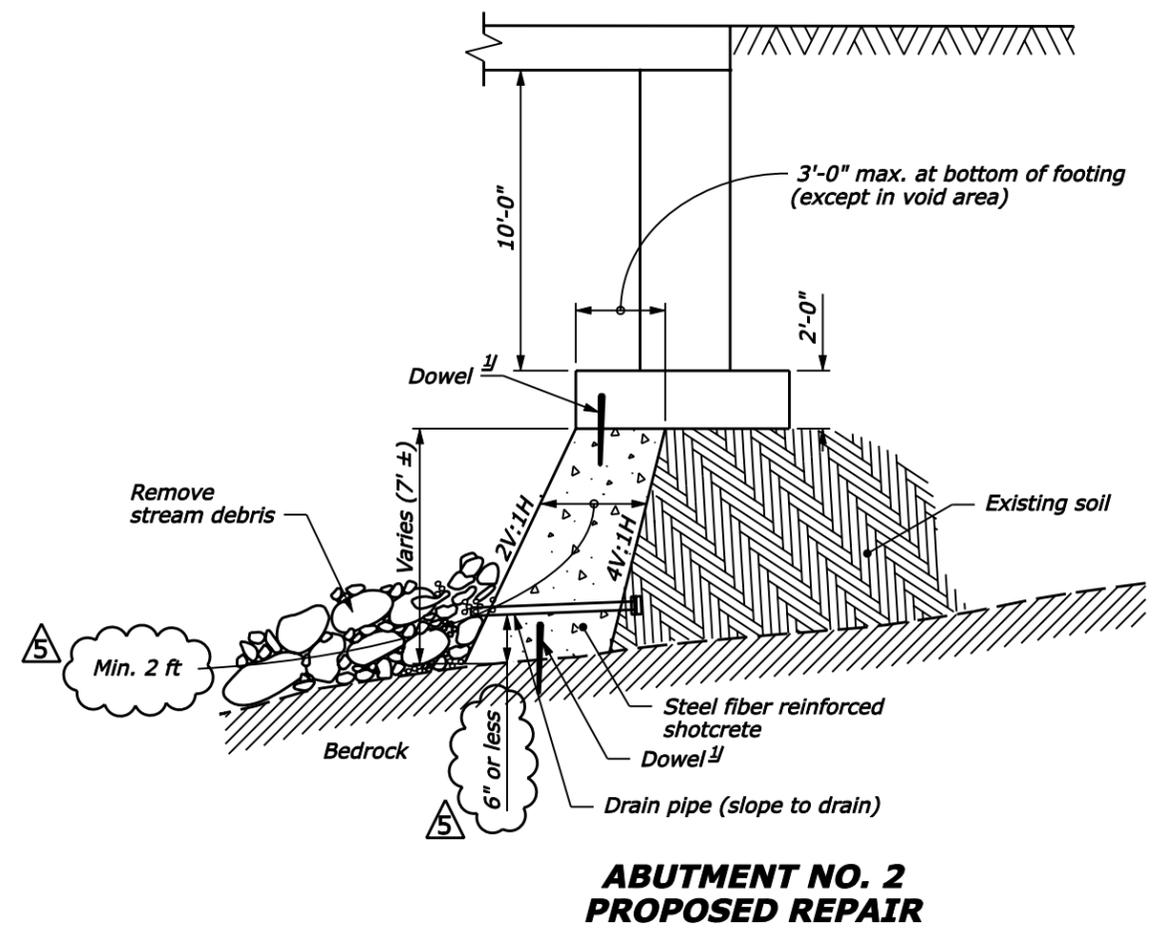
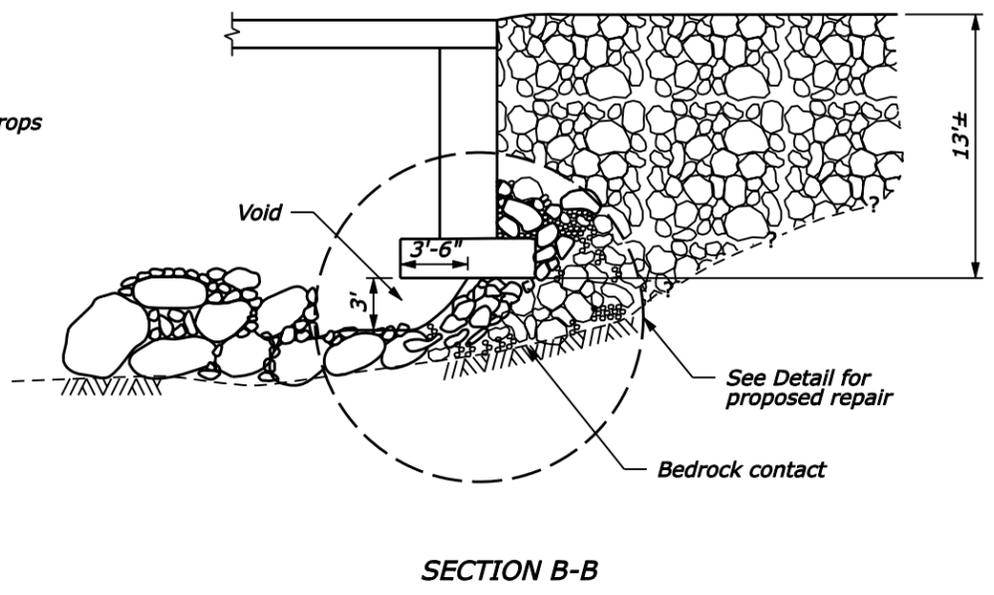
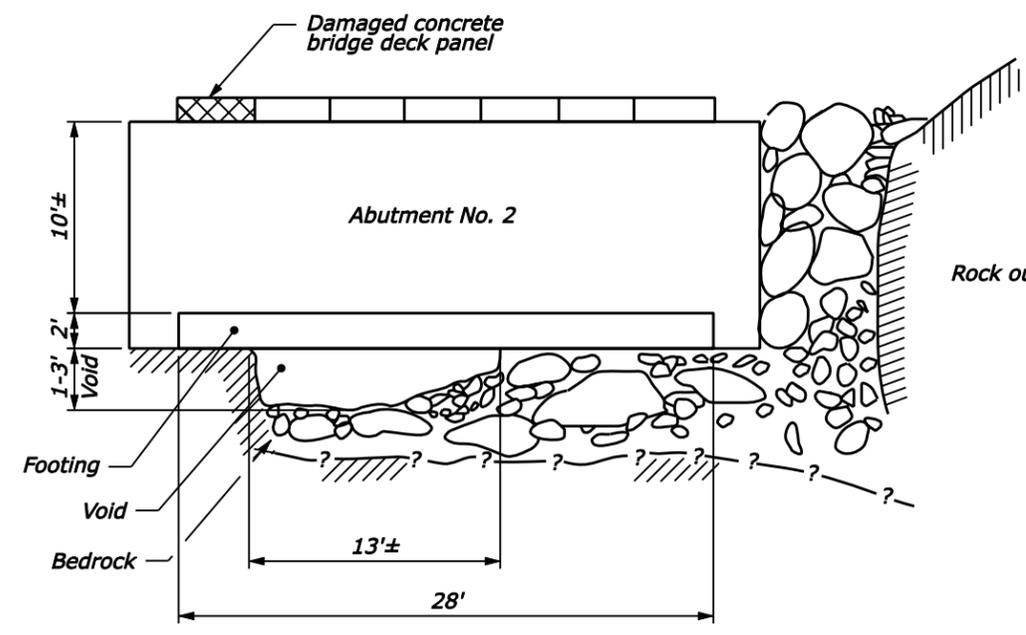
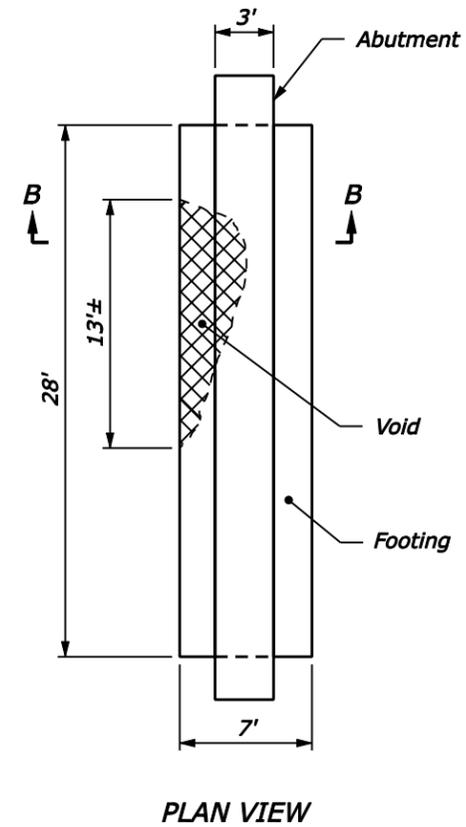
- <sup>1/</sup> Quantities include both Abutment #1 and Abutment #2.
- <sup>2/</sup> Install dowels as close to perpendicular to embedded surface as possible.

**ABUTMENT #1 REPAIR**  
**DETAILS**

NO SCALE

07/2008 A. Varney Checked by: 07/2008 B. Collins Designed by: \$DATE\$ \$PATH\$

STATE	PROJECT	SHEET NUMBER
WA	FS ERFO 2008(1)-20(1)	B.4



5 Revised under Amendment 5.

**NOTE:**

1. Complete removal of boulders leaning against the bridge slab and damaged prestressed slab before beginning any work on or below the bridge.
2. Divert the creek away from the work area as needed to complete the repairs in the dry.
3. Stage foundation repairs so that less than 10 feet of footing, measured perpendicular to centerline, is repaired during each stage. Repair each footing in no less than 3 stages. Do not excavate any material adjacent to more than 10 feet of the footing during each stage. Complete repairs of the void area below the Abutment No. 2 footing during the first stage.
4. Remove all soil, rock and debris to the horizontal limits shown below the footing and extend excavation vertically down to bedrock. Clean the underlying bedrock surface by removing all loose material. Do not overexcavate more than 1 foot into bedrock.
5. See Dowel Details on Sheet B.5.

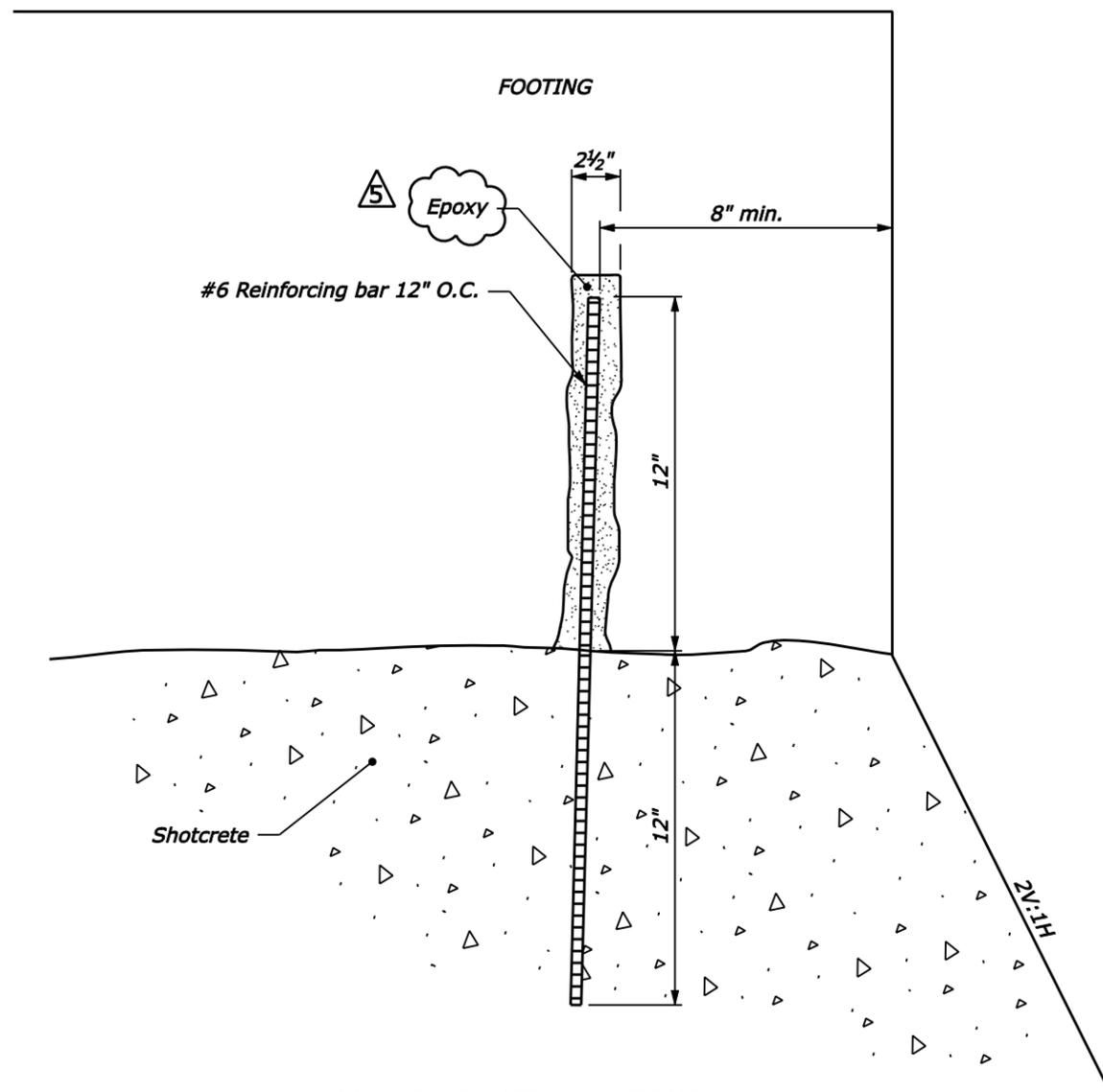
**FOOTNOTE:**

1/ Install dowels as close to perpendicular to the embedded surface as possible.

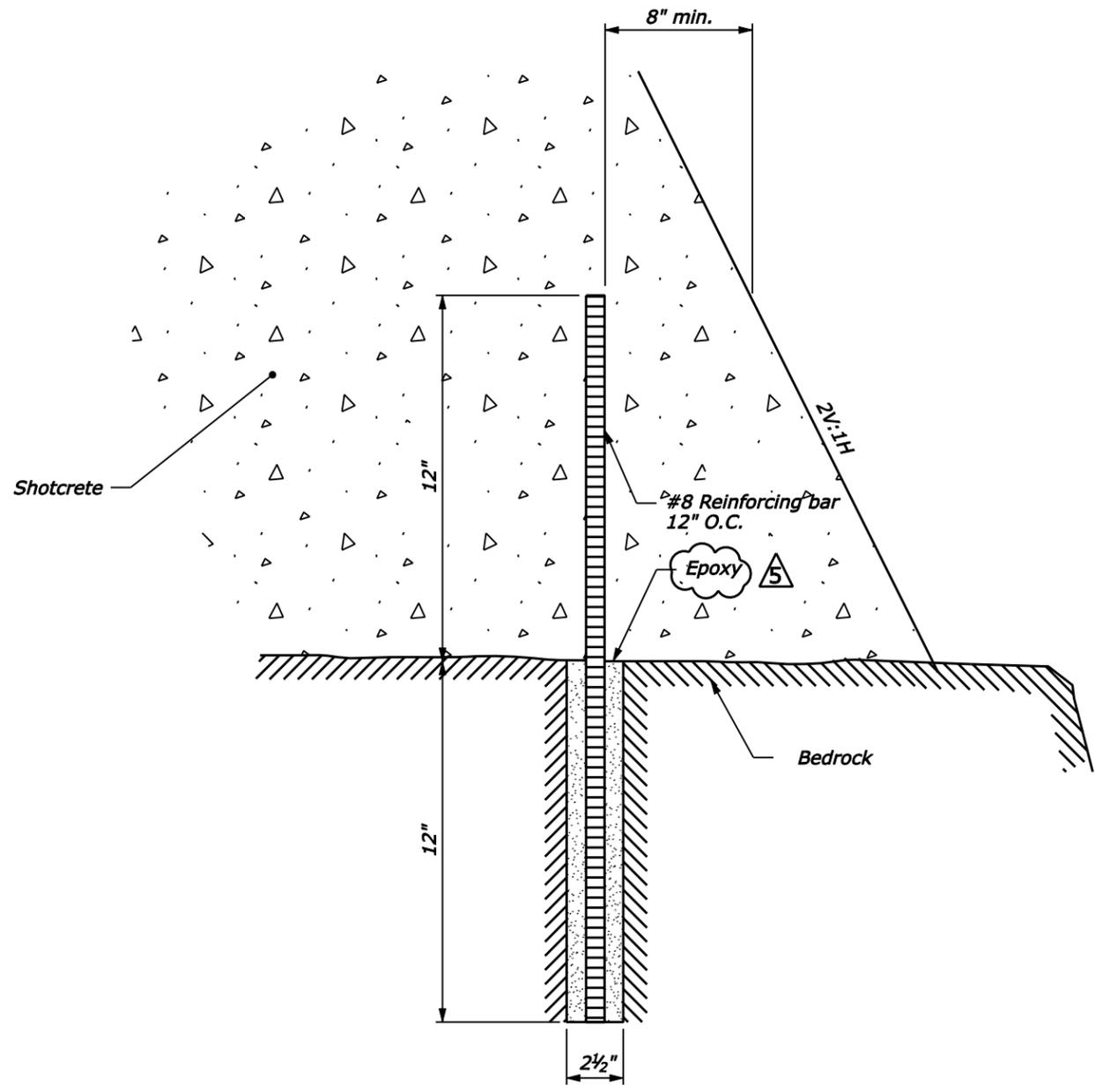
**ABUTMENT #2 REPAIR  
 DETAILS**

NO SCALE

07/2008 A. Varney Checked by: 07/2008 B. Collins Designed by: \$DATE\$ \$PATH\$

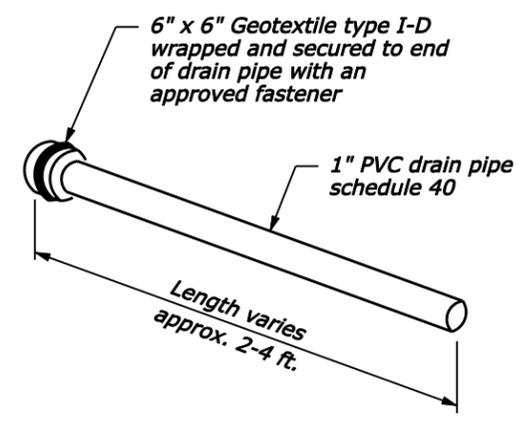


**DOWEL INSTALLATION INTO FOOTING**  
DETAIL



**DOWEL INSTALLATION INTO BEDROCK**  
DETAIL

⚠ Revised under Amendment 5.



**DRAIN PIPE**  
DETAIL

**NOTE:**

1. Grout or epoxy dowels into bedrock 12 inches on center horizontally. Provide a minimum of 8 inches of cover over the dowels.
2. Grout or epoxy dowels into bottom of footing 12 inches on center measured horizontally. Provide a minimum of 8 inches of cover over the dowels.
3. Install drain pipe @ 3 ft. on center near the bottom of the shotcrete, and grade to drain. ⚠

**DOWEL AND DRAIN PIPE DETAILS** ⚠

NO SCALE