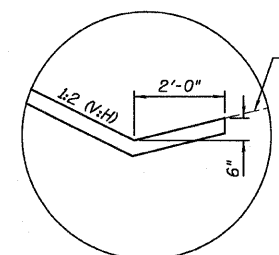
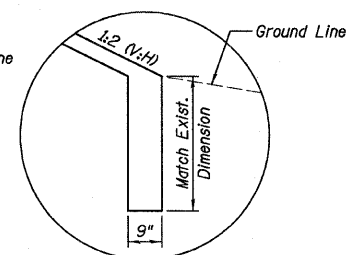


**NOTES:**

- 1.) \*\*Match existing dimension.
- 2.) Horizontal dimensions @ Rt. L's to Roadway.
- 3.) Slope wall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0 weighing 58 lbs. per 100 sq. ft.
- 4.) The actual area of slope undermining is unknown, therefore a 2'-6" thickness of Porous Granular Embankment has been assumed under the areas of the slopewall marked for repair. The actual amount shall be measured in the field.



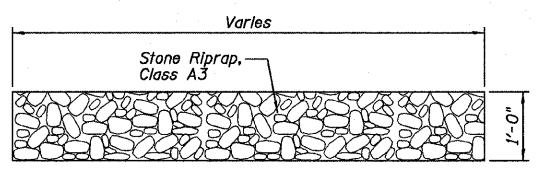
**DETAIL A**  
(Toe of West Slopewall)



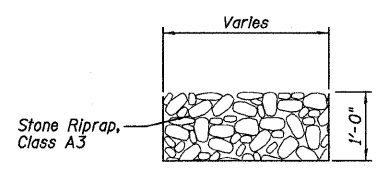
**DETAIL B**  
(Toe of East Slopewall)

**LEGEND**

Remove and Replace Slopewall



**SECTION A-A**



**SECTION B-B**

**BILL OF MATERIAL**

ITEM	UNIT	082-0167	082-0168	TOTAL
Porous Granular Embankment	Cu. Yd.	314	195	509
Stone Riprap, Class A3	Sq. Yd.	22	11	33
Slopewall Removal	Sq. Yd.	377	234	611
Slopewall 4 Inch	Sq. Yd.	377	234	611

**Farnsworth GROUP, INC.**  
2709 McGraw Drive  
Stamington, Illinois 61704  
309/663-8436, 309/663-1571 fax

DESIGNED - JCZ  
CHECKED - JML  
DRAWN - DJM/JWK  
DATE - 12/05/11

REVISÉ  
REVISÉ  
REVISÉ  
REVISÉ

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SLOPEWALL REPAIR AND RIPRAP PLACEMENT  
STRUCTURE NO. 082-0167 (E.B.)  
STRUCTURE NO. 082-0168 (W.B.)**

SHEET NO. A20 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-13,41RS	ST. CLAIR	167	120
				CONTRACT NO. 76415
ILLINOIS FED. AID PROJECT				