

COMPUTED BY: \_Shane Clark\_ DATE: \_\_\_5/15/15\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT NO. R-5206	SHEET NO. 3G-1
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**STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS**

**SUMMARY OF SUBSURFACE DRAINAGE**

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
				SD	100
				TOTAL LF:	100

\*UD = Underdrain  
 \*BD = Blind Drain  
 \*SD = Subsurface Drain

**SUMMARY OF ROCK PLATING**

LINE	Beginning Slope	Approx. Station	Ending Slope	Approx. Station	Location LT/RT	Rock Plating Detail No. 1/2/3/4	Riprap Class* 1/2/B	ESTIMATED SY
-L-	1.50:1	69+00	1.50:1	72+00	RT	1	B	825
							TOTAL SY:	825

\*Use Class 1, 2 or B riprap if riprap class is not shown for rock plating location.

**SUMMARY OF REINFORCED SOIL SLOPES (RSS)**

LINE	Beginning Slope	Approx. Station	Ending Slope	Approx. Station	Location LT/RT	ESTIMATED SY
-L-	1.50:1	21+00	1.50:1	22+50	RT	800
-DR2-	1.50:1	10+00	1.50:1	11+25	RT	725
					TOTAL SY:	1525

**SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION**

LINE	Station	Station	Aggregate Type ASU/AST	Aggregate Thickness INCHES	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
			ASU		100	200	200		
			TOTAL CY/TONS/SY:		100	200	200*	0	0

ASU = Aggregate Subgrade, AST = Aggregate Stabilization  
 \*Total square yards of Geotextile for Soil Stabilization is only the estimated quantity for ASU/AST and may only represent a portion of the geotextile quantity shown in the Item Sheets of the Proposal.