

**STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS**

**I-2513AA**

**SUMMARY OF SUBSURFACE DRAINAGE**

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
-Y-	55+00	72+00	LT to RT	SD	3400
-Y_WB-	10+44	11+75	LT	SD	150
-Y_EB-	10+44	13+25	RT	SD	300
CONTINGENCY				SD	1000
<b>TOTAL LF:</b>					<b>4850</b>

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

**SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION**

LINE	Station	Station	Aggregate Type* ASU(1/2)/AST	Aggregate Thickness INCHES [8" for ASU(2)]	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Subgrade Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
Y	18+00	93+44	ASU(2)	8		15675	34850		
Y_WB	10+00	13+25	ASU(2)	8		1860	4150		
Y_EB	10+00	15+00	ASU(2)	8		665	1500		
-Y5RPA-	10+00	18.19.60	ASU(2)	8		Quantities are included above in -Y-			
-Y5RPB-	10+00	13+15	ASU(2)	8					
-Y5RPC-	10+00	15+65	ASU(2)	8					
CONTINGENCY								500	
CONTINGENCY			1	12	1000	2000	3000		0
<b>TOTAL CY/TONS/SY:</b>					<b>1000</b>	<b>20200**</b>	<b>43500**</b>	<b>500</b>	<b>0</b>

\*ASU(1/2) = Aggregate Subgrade (Type 1 or 2)  
 \*AST = Aggregate Stabilization

\*\*Total tons of "Class IV Subgrade Stabilization" and total square yards of "Geotextile for Subgrade Stabilization" are only the estimated quantities for ASU(1/2)/AST and may only represent a portion of the subgrade stabilization and geotextile quantities shown in the Item Sheets of the Proposal.

**SUMMARY OF ROCK PLATING**

LINE	Beginning Slope (H:V)	Approx. Station	Ending Slope (H:V)	Approx. Station	Location LT/RT	Rock Plating Detail No. 1/2/3/4	Riprap Class* 1/2/B	Rock Plating SY
-Y_WB-	1.5:1	29+00	1.5:1	36+00	LT	2/3		5200
							<b>TOTAL SY:</b>	<b>5200</b>

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

**SUMMARY OF REINFORCED SOIL SLOPE**

LINE	Approx. Begin Station	Approx. End Station	Location LT/RT	RSS QUANTITY SY	
-Y-	59+50	61+50	LT	1375	
				<b>TOTAL SY:</b>	<b>1375</b>

\*Refer to Sheets 2G-2 and 2G-3.