

COMPUTED BY: Thein Tun Zan DATE: 12-21-2020  
 CHECKED BY: James Batts DATE: 12-21-2020

(12-17-19)

PROJECT NO.  
B-5624

SHEET NO.  
3G-1

**STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS**

**SUMMARY OF SUBSURFACE DRAINAGE**

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
CONTINGENCY				SD	200
				<b>TOTAL LF:</b>	200

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

**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
L	2.5:1	15+75	2:1	17+04	LT	1	*	300
L	2:1	17+89	2.5:1	21+75	LT	1	*	800
							<b>TOTAL SY:</b>	1,100

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

**SUMMARY OF GEOTEXTILE FOR SOIL STABILIZATION**

LINE	Approx. Begin Station	Approx. End Station	Est Geotextile for Soil Stabilization Quantity (SY)**
L_DET	17+45	22+80	1,300
CONTINGENCY			300
			<b>TOTAL SY:</b> 1,600

\*\*\*Place Geotextile for Soil Stabilization direction perpendicular to the detour alignment L\_DET.