

COMPUTED BY: JPM DATE: 01-28-21  
 CHECKED BY: AFR DATE: 01-28-21  
 REVISED BY: Jinyoung Park DATE: 06-14-22

**(12-17-19)**  
**STATE OF NORTH CAROLINA**  
**DIVISION OF HIGHWAYS**

PROJECT NO. R-5751	SHEET NO. 3G-1
-----------------------	-------------------

**SUMMARY OF SUBSURFACE DRAINAGE**

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
CONTINGENCY				SD	500
				<b>TOTAL LF:</b>	500

\*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 Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
CONTINGENCY			ASU(1)	12	100	190	300		
<b>TOTAL CY/TONS/SY:</b>					100	190**	300**	0	0

\*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 Soil 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
-L-	2.5:1	68+60 ±	2.5:1	69+25 ±	RT	1	*	120
							<b>TOTAL SY:</b>	120

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

**SUMMARY OF BRIDGE WAITING PERIODS**

Bridge Description	End Bent/ Bent No.	MONTHS
Upgrade of At-Grade Intersections at US74/NC72 and US74/NC130 to Interchange	1	1
	2	1