COMPUTED BY: SCC DATE: 8-12-2015
CHECKED BY: CBL DATE: 8-12-2015

PROJECT NO.	SHEET NO.
B-5142	3G-01

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
				TOTAL LF:	200

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

SUMMARY OF BRIDGE WAITING PERIODS

Bridge Description	End Bent/ Bent No.	MONTHS
Br. No. 57 on Cornelius Road over Cornelius Creek	1	2
Br. No. 57 on Cornelius Road over Cornelius Creek	2	2

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	SY
-L-	1.5:1	18+85	1.5:1	21+34	LT	1	2	350
-L-	1.5:1	23+78	1.5:1	25+28	LT	1	2	550
							TOTAL SY:	900

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

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
CONTINGENCY			ASU		1000	1800	1000		
			TOTAL CY/TONS/SY:		1000	1800	1000	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.