PROJECT REFERENCE NO.	SHEET NO.
<u>U-5789</u>	<u> 3G-1</u>
GEOTECHNICAL DETAIL	/

COMPUTED BY: A. Suttle, P.G. DATE: 04/10/2025 CHECKED BY: A. Mulla, P.E. DATE: 04/10/2025

(2-3-23)

PROJECT NO. SHEET NO. U-5789 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
	CONTIN	SD	3800		
				TOTAL LF:	3800

*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
-L-	15+00	18+25	ASU1	12	440	1050	1665		
-L-	20+75	25+20	ASU1	12	150	280	440		
-L-	28+50	33+49	ASU1	12	190	380	605		
-L-	34+40	42+49	ASU1	12	310	650	1025		
-YA2-	11+00	13+44	ASU1	12	120	240	365		
	CONTINGENCY		ASU1	12	500	950	1500		
			TOTAL CY/TONS/SY:		1710	3550**	5600**	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 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.