COMPUTED BY: Hunsberger, W.S. DATE: 05/29/19
CHECKED BY: Hamm, J.R. DATE: 05/29/19

PROJECT REFERENCE NO.	SHEET NO.
U-5724	3G-1

(5-15-18)

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GEOTECHNICAL SUMMARY

SUMMARY OF SUBSURFACE DRAINAGE

LINE	Station	Station	Location LT/RT	Drain Type* UD/BD/SD	LF
–L–	35+00	37+00	LT	SD	200
–L–	47+00	51+00	LT	SD	400
–L–	53+00	57+00	LT	SD	400
–Y2–	12+00	25+00	LT or RT	SD	1300
–Y2–	35+00	43+00	LT or RT	SD	800
–Y2–	46+00	50+00	LT or RT	SD	400
–Y2–	52+00	56+00	LT or RT	SD	400
VARIES				SD	500
CONTINGENCY					1000
				TOTAL LF:	5400

*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	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
CONTINGENCY					1000	3000	3000	0	0
CONTINGENCY					0	200	0	0	0
–RP_RR–	13+25	24+25			350	1000	1450	0	0
CONTINGENCY					0	0	200	0	0
			TOTAL CY/TONS/SY		1350	4200	4650	0	0
				SAY	1350	4200	4650	0	0

*ASU(1/2) = Aggregate Subgrade (Type 1 or 2)
*AST = Aggregate Stabilization
**Total tons of "Geotextile for 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 geotextile quantity shown in the Item Sheets of the Proposal.

REVISIONS

9/9/2020 K:\RAL_Roadway\DII\036333 - U-5724 (Central Heights)\Roadway\Proj\U-5724_rdy_sum-geo 3G-1.dgn