COMPUTED BY: Nick Moore, LG DATE: 8/23/21 . CHECKED BY: Jinyoung Park, PE DATE: 8/23/21

(12-17-19)

PROJECT NO. SHEET NO. U-6223 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	
-L-	23+75	25+00	LT	SD	125	
-L-	41+00	55+75	LT and RT	SD	2950	
-Y2-	10+00	16+00	LT and RT	SD	1200	
	CONTIN					
				TOTAL LF:	4275	
*IID - II I						

^{*}UD = Underdrain

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
-L-	58+75	62+75	ASU(1)	12	500	1075	1500		
-Y1-	13+75	16+50	ASU(1)	12	125	250	375		
-Y2-	11+25	13+25	ASU(1)	12	175	325	525		
(CONTINGENCY		ASU(1)	12	500	1000	1500		
			TOTAL	CY/TONS/SY:	1300	2650**	3900**	0	0

^{*}ASU(1/2) = Aggregate Subgrade (Type 1 or 2)

^{*}BD = Blind Drain

^{*}SD = Subsurface Drain

^{*}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.