COMPUTED BY: __S. Mitchell_____ DATE: ___3/15/2021_____
CHECKED BY: ___K. Hill_____ DATE: ___3/15/2021_____

(5-15-18)

PROJECT NO.	SHEET NO.
I-5878	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	956+25	972+25	LT/RT	SD	6400
L	974+00	986+75	LT/RT	SD	5100
L	1022+50	1037+50	LT/RT	SD	6000
L	1046+00	1057+00	LT/RT	SD	4400
Y15	41+00	42+00	LT/RT	SD	200
NBCD	33+00	40+00	LT/RT	SD	1400
SBCD	17+00	20+00	LT/RT	SD	1000
SR9A	12+00	18+00	LT/RT	SD	1200
SR11	21+50	36+00	LT/RT	SD	3000
SR12	10+14	15+25	LT/RT	SD	1050
SR13	18+00	24+14	LT/RT	SD	1250
CONTINGENCY					3000
				TOTAL LF:	34000

***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
L	946+00	1063+00	ASU	12	33800	61500	101300		
Y14RPB	12+74	14+72	ASU	12	200	350	550		
Y14	34+75	38+75	ASU	12	50	500	850		
Y15	21+75	25+75	ASU	12	250	400	700		
Y15RPA	10+00	17+25	ASU	12	800	1550	2600		
Y15RPD	10+00	14+49	ASU	12	300	700	1100		
CONTINGENCY					3500	6600	9000		
				TOTAL CY/TONS/SY:	38900	71600**	116100**	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.**