PREPARED BY: M.J. ALEXANDER DATE: 4/13/2023

(2-3-23)

PROJECT NO.	SHEET NO.
R-2707E	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
CONTINGENCY				SD	1000
				TOTAL LF:	1000

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

SUMMARY OF GEOTEXTILE FOR SUBGRADE STABILIZATION

LINE	Station	Station	Geotextile for Subgrade Stabilization SY
-L-	851+00	852+00	1733
-L-	863+50	864+50	522
-L-	871+50	875+00	1633
-L-	901+50	910+00	5478
-L-	920+50	921+00	211
-L-	921+00	922+50	1067
-L-	922+50	927+00	1100
-Y42RPA-	18+00	23+50	3422
-Y42RPB-	20+00	25+50	2872
-Y42RPC-	20+00	25+70	2977
-Y42RPD-	23+00	30+00	3733
-Y41-	12+50	17+00	2450
-Y42-	11+00	12+50	900
-Y42-	14+50	15+00	306
-Y43-	10+50	12+00	767
CONTINGENCY			
		TOTAL SY:	29171*

*Total square yards of "Geotextile for Subgrade Stabilization" is only the estimated quantity for subgrades and may only represent a portion of the geotextile quantity shown in the Item Sheets of the Proposal.

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-	944+00	957+00	ASU (1)	12	1600	3200	4800		
CONTINGENCY			ASU (1)	8	1000	2000	2000		
CONTINGENCY			AST					500	
			TOTAL CY/TONS/SY:		2600	5200**	6800**	500	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.

SUMMARY OF REINFORCED SOIL SLOPES AND SLOPE EROSION CONTROL

LINE	Beginning Slope/ RSS (H:V)	Approx. Station	Ending Slope/ RSS (H:V)	Approx. Station	Location LT/RT	Reinforced Soil Slope (RSS) SY	Geocells SY	Coir Fiber Mat SY	Matting for Erosion Control SY
-SR7-	1.5:1	37+00	1.5:1	39+50	LT	1695		1695	
					TOTAL SY:	1695	0	1695*	0**

*Total square yards of "Coir Fiber Mat" is only the estimated quantity for slopes steeper than 2:1 (H:V) and may only represent a portion of the coir fiber mat quantity shown in the Item Sheets of the Proposal.
**Total square yards of "Matting for Erosion Control" is only the estimated quantity for RSS and may only represent a portion of the matting quantity shown in the Item Sheets of the Proposal.

SUMMARY OF BRIDGE WAITING PERIODS

Bridge Description	End Bent/ Bent No.	MONTHS
Bridge No. 494 on -Y42- over -L- at -L- Sta. 892+44.19	End Bent 1	1
Bridge No. 494 on -Y42- over -L- at -L- Sta. 892+44.19	End Bent 2	1