COMPUTED BY: <u>KRB</u>	DATE: <u>01/11/2022</u>	
CHECKED BY:	DATE:	

SUMMARY OF SUBSURFACE DRAINAGE

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF			
	CONTIN	IGENCY		SD	1000			
				TOTAL LF:	1000			
*UD = Underdrain								

*BD = Blind Drain

*SD = Subsurface Drain

LIN

*Total tons of "Class IV Subgrade Stabilization" is only the estimated quantity for pavement stabilization and may only represent a portion of the subgrade stabilization quantity shown in the Item Sheets of the Proposal.

SUMMARY OF ROCK PLATING

LINE	Beginning Slope (H:V)	Approx. Station	Ending Slope (H:V)	Approx. Station	Location LT/RT	Rock Plating Detail No. 1/2/3/4	Riprap Class* 1/2/B	Rock Plating SY
L	1.5:1	15+00	2:1	18+25	LT	3		1325
L	1:1	43+62.5	2:1	46+11.55	RT	3		485
							TOTAL SY:	1810

*Use Class 1, 2 or B riprap if riprap class is not shown for rock plating location.

(12-17-19) STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SUMMARY OF GEOTEXTILE FOR PAVEMENT STABILIZATION

NE	Station	Station Station Geotextile for Pavement Stabilization SY		Class IV Subgrade Stabilization TONS
C	CONTINGENC	Y	12006	23262
	тот	AL SY/TONS:	12006	23262*

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
(CONTINGENC	Y	ASU(1)		3967			163	
(CONTINGENC	Y	ASU(1)		2000	2975	4000		
			TOTAL	CY/TONS/SY:	5967	2975**	4000**	163	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.

SUMMARY OF REINFORCED SOIL SLOPES AND SLOPE EROSION CONTROL

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
2:1	22+19	1.5:1	29+00	RT	8250	8250		
2:1	40+35	1.5:1	40+61	RT	200	200		
2:1	41+55	1.75:1	41+81.48	LT	175	175		
1.5:1	43+62.5	2:1	46+00	RT	1405	1405		
1:1	43+62.5	2:1	46+11.55	RT	485	485		
1.5:1	44+38.42	2:1	44+65	LT	105	105		
				TOTAL SY:	10620	10620	0*	0**
-	Slope/ RSS (H:V) 2:1 2:1 2:1 2:1 1.5:1 1:1	Slope/ RSS (H:V)Approx. Station2:122+192:140+352:141+551.5:143+62.51:143+62.5	Slope/ RSS (H:V) Approx. Station Slope/ RSS (H:V) 2:1 22+19 1.5:1 2:1 40+35 1.5:1 2:1 41+55 1.75:1 1.5:1 43+62.5 2:1 1:1 43+62.5 2:1	Slope/ RSS (H:V)Approx. StationSlope/ RSS (H:V)Approx. Station2:122+191.5:129+002:140+351.5:140+612:141+551.75:141+81.481.5:143+62.52:146+001:143+62.52:146+11.55	Slope/ RSS (H:V) Approx. Station Slope/ RSS (H:V) Approx. Station Location LT/RT 2:1 22+19 1.5:1 29+00 RT 2:1 40+35 1.5:1 40+61 RT 2:1 41+55 1.75:1 41+81.48 LT 1.5:1 43+62.5 2:1 46+00 RT 1:1 43+62.5 2:1 46+11.55 RT	Slope/ RSS (H:V) Approx. Station Slope/ RSS (H:V) Approx. Station Location LT/RT Soil Slope (RSS) SY 2:1 22+19 1.5:1 29+00 RT 8250 2:1 40+35 1.5:1 40+61 RT 200 2:1 41+55 1.75:1 41+81.48 LT 175 1.5:1 43+62.5 2:1 46+00 RT 1405 1:1 43+62.5 2:1 46+11.55 RT 485 1.5:1 44+38.42 2:1 44+65 LT 105	Slope/ RSS (H:V) Approx. Station Slope/ RSS (H:V) Slope/ RSS (H:V) Approx. Station Location LT/RT Soil Slope (RSS) SY Geocells SY 2:1 22+19 1.5:1 29+00 RT 8250 8250 2:1 40+35 1.5:1 40+61 RT 200 200 2:1 41+55 1.75:1 41+81.48 LT 175 175 1.5:1 43+62.5 2:1 46+00 RT 485 485 1.5:1 43+62.5 2:1 46+11.55 RT 485 485 1.5:1 44+38.42 2:1 44+65 LT 105 105	Slope/ RSS (H:V) Approx. Station Slope/ RSS (H:V) Slope/ RSS (H:V) Approx. Station Location LT/RT Soil Slope (RSS) SY Geocells SY Fiber Mat SY 2:1 22+19 1.5:1 29+00 RT 8250 8250 2:1 40+35 1.5:1 40+61 RT 200 200 2:1 41+55 1.75:1 41+81.48 LT 175 175 1.5:1 43+62.5 2:1 46+00 RT 1405 1405 1:1 43+62.5 2:1 46+11.55 RT 485 485 1.5:1 44+38.42 2:1 44+65 LT 105 105

*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.

PROJECT NO.	SHEET NO.
B-3186	3G-1