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(2-3-23)

PROJECT NO.
B-5898

SHEET NO.
3G-2

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_RT-	29+25	30+00	LT to RT	SD	75
CONTINGENCY				SD	500
TOTAL LF:					575

*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 Subgrade Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
-L_LT-	28+05	40+74	ASU(1)	12	786	3761	5764		
-L_RT-	28+05	40+04	ASU(1)	12	1260	3848	5897		
-Y1_RT-	16+83	28+83	ASU(1)	12	476	932	1428		
CONTINGENCY			AST	3	250	500	500	25	
TOTAL CY/TONS/SY:					2772	9041**	13589**	25	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 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_RT-	2:1	30+50	1.5:1	33+75	RT	1		720
-L_RT-	1.5:1	33+75	1.4:1	35+00	RT	1		430
-L_RT-	1.5:1	31+50	2:1	34+77	RT	3		500
TOTAL SY:								1650

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

SUMMARY OF SURCHARGES AND SURCHARGE WAITING PERIODS

LINE	Station	Station	Surcharge Height FT	MONTHS
-L_LT-	30+83	31+33	4.0	2
-L_LT-	33+11	33+61	4.0	2

SUMMARY OF PIEZOMETERS

Piezometer No.	LINE and Station	Offset		Elevation FT
		Distance FT	Direction LT/RT	
1	L_LT 31+59	14	LT	2570
2	L_LT 32+28	13	LT	2570
TOTAL PIEZOMETERS (EACH):				2

SUMMARY OF SETTLEMENT GAUGES

Gauge No.	LINE and Station	Offset	
		Distance FT	Direction LT/RT
1	L_LT 30+85	20	LT
2	L_LT 31+55	22	RT
3	L_LT 32+85	20	LT
4	L_LT 33+80	24	RT
TOTAL GAUGES (EACH):			4

SUMMARY OF BRIDGE WAITING PERIODS

Bridge Description	End Bent/ Bent No.	MONTHS
Str 001 168, US74WB Over US19NB	EB 1	2
Str 001 168, US74WB Over US19NB	EB 2	2