

COMPUTED BY: _____ RIGGS, A.F. DATE: Nov-17
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PROJECT NO. SHEET NO.
 41665.7A 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
Br.008				SD	200
Br. 129-130				SD	400
CONTINGENCY					TOTAL LF: 600

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

SUMMARY OF BRIDGE WAITING PERIODS

Bridge Description	End Bent/ Bent No.	MONTHS
BR.ON US 301 OVER I-95 BUS.LOOP SB AT 22+57.23	1&2	1

SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION

LINE	Station	Station	Aggregate Type* ASU/AST	Aggregate Thickness INCHES	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
Br 008			ASU	12	100	200	300		
Br 129 & 130			ASU	12	100	200	300		
CONTINGENCY					TOTAL CY/TONS/SY:	200	400	600*	0

ASU = Aggregate Subgrade, AST = Aggregate Stabilization

*Total square yards of "Geotextile for Soil Stabilization" is only the estimated quantity for ASU/AST and may only represent a portion of the geotextile 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- Br.008	2:1	17+50	2:75	21+00	LT	2		450
-L- Br.008	2:75	22+00	2:1	23+50	LT	2		400
-L- Br.008	2:1	19+00	2:75	21+00	RT	2		800
-L- Br.008	2:75	22+00	2:1	24+00	RT	2		400
-L1-Br.129-130	2:1	107+40	2:1	111+50	RT	2		600
-L2-Br.129-130	2:1	103+00	2:1	106+25	LT	2		750
-L2-Br.129-130	2:1	108+50	2:1	109+00	LT	2		25
TOTAL SY:								3425

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