

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
SUMMARY OF EARTHWORK
 IN CUBIC YARDS

STATION	STATION	EXCAVATION		EMBANKMENT	BORROW	WASTE
		TOTAL UNCLASSIFIED	UNDERCUT	EMBANKMENT + %		TOTAL
PHASE I (MAINLINE LT AND DETOUR)						
SUMMARY NO. 1						
-L- 12+09.00 (LT)	-L- 16+23.88 (LT)	127		4		123
-L- 16+96.13 (LT)	-L- 21+31.77 (LT)	91		55		36
-LDET- 10+00.00	-LDET- 14+00.00	96		245	149	
-LDET- 14+90.00	-LDET- 19+26.15	18		937	919	
-DR- 10+13.37	-DR- 11+52.53	65		12		53
TOTAL SUMMARY NO. 1						
SUBTOTAL		397		1253	1068	212
PHASE II (MAINLINE RT)						
SUMMARY NO. 2						
-L- 12+09.00 (RT)	-L- 16+23.88 (RT)	110		13		97
-L- 16+96.13 (RT)	-L- 21+31.77 (RT)	20		4		16
TOTAL SUMMARY NO. 2						
SUBTOTAL		130		17		113
PHASE III (REMOVE DETOUR)						
SUMMARY NO. 3						
-LDET- 10+00.00	-LDET- 14+00.00	144		77		67
-LDET- 14+90.00	-LDET- 19+26.15	740		16		724
TOTAL SUMMARY NO. 3						
SUBTOTAL		884		93		791
SUMMARY TOTAL		1411		1363	1068	1116
EARTH WASTE TO REPLACE BORROW					-212	-212
ESTIMATED SHOULDER MATERIAL				98	98	
PROJECT TOTAL		1411		1461	954	904
EST. 5% TO REPLACE TOPSOIL ON BORROW PIT					48	
GRAND TOTAL		1411		1461	1002	904
SAY		1500			1100	
ESTIMATED SHALLOW UNDERCUT			100 CY			
ESTIMATED CLASS IV SUBGRADE STABILIZATION			200 TONS			
ESTIMATED UNDERCUT EXCAVATION			350 CY			
ESTIMATED SELECT GRANULAR MATERIAL			150 CY			
ESTIMATED GEOTEXTILE FOR SOIL STABILIZATION			150 SY			

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NOTE: APPROXIMATE QUANTITIES ONLY. CLEARING AND GRUBBING, UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, AND REMOVAL OF EXISTING ASPHALT PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING."
 EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGN UNIT. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.