



STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK
 IN CUBIC METERS

LINE	STATION	STATION	UNCL. EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
-Y11DET-	10+30.000	13+02.984	553		1,364	811	
-Y13DET-	10+28.837	12+54.549	3,663		488		3,175
-Y14DET-	10+24.726	20+09.431	19,170		1,571		17,599
-Y19DET-	10+00.000	11+40.000	1,036		121		915
SUBTOTAL			24,422		3,544	811	21,689
L	180+66.801	189+80.000	382,007		280,175		101,832
L	189+80.000	195+80.000	92,787	4000	118,196	25,409	4,000
Y11	10+00.000	12+01.043	194		7,242	7,048	
BRIDGE							
Y11	12+70.587	15+80.000	882		23,648	22,766	
DR1	10+03.600	10+40.000	17		408	391	
SUBTOTAL			475,887	4000	429,669	55,614	105,832
L	195+80.000	199+08.999	25,748		48,822	23,074	
BRIDGE							
L	199+87.001	209+00.000	234,843		47,188		187,655
L	209+00.000	212+00.000	135,345		32,518		102,827
L	212+00.000	216+60.000	66,903		54,546		12,357
Y13	10+20.000	11+34.887	740		976	236	
BRIDGE							
Y13(SR2)	11+98.887	17+20.000	10,714		16,163	5,449	
Y19	10+03.638	10+80.000	1,049				1,049
DR2	10+03.900	10+42.000	14		132	118	
SUBTOTAL			475,356		200,345	28,877	303,888
L	216+60.000	222+79.500	193,430		30,233		163,197
BRIDGE							
L	223+28.000	232+40.000	320,809		21,909		298,900
L	232+40.000	237+74.213	5,647		139,782	134,135	
BRIDGE							
RPB	13+00.000	14+80.000	5,204		320		4,884
RPC	12+15.000	14+75.000	13,314		43		1,3271
Y14	12+20.000	21+00.000	37,811		509		37,302
RPA	12+45.000	15+45.000	10,606		565		10,041
RPD	12+95.000	14+95.000	22,415				22,415
L	238+20.802	244+00.000	659		257,442	256,783	
SUBTOTAL			609,895		450,803	390,918	550,010

LINE	STATION	STATION	UNCL. EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
L	244+00.000	245+76.900			105,240	105,240	
BRIDGE							
L	246+06.541	255+20.000	54,742		86,248	31,506	
L	255+20.000	256+64.300	28,686		4,013		24,673
BRIDGE							
L	257+17.700	267+36.106	19,980		479,263	459,283	
Y16	11+60.000	13+91.268	24,007		584		23,423
Y17	10+16.200	10+60.000	38		17,240	17,202	
SUBTOTAL			127,453		692,588	613,231	48,096
SBL(NBL)	267+36.106	268+60.000	24,278				18,954
SUBTOTAL			24,278				18,954
DETOUR REMOVAL							
-Y11DET-	10+30.000	13+02.984	1,137		664		473
-Y13DET-	10+28.837	12+54.549	407		4,396	3,989	
-Y14DET-	10+24.726	20+09.431	1,309		23,004	21,695	
-Y19DET-	10+00.000	11+40.000	121		1,243	1,122	
SUBTOTAL			2,974		29,307	26,806	473
GRAND SUB TOTAL			1,740,265	4,000	1,806,256	1,116,257	1,048,924
EST. 5% REDUCTION IN UNCL. EXC DUE TO CLEARING AND GRUBBING SHOULDER MATERIAL			-87,013			87,013	
ADDITIONAL UNDERCUT PER GEOTECH				8,000	9,600	9,600	8,000
HARD ROCK IN LIEU OF BORROW ADJUST FOR ROCK WASTE					-4,670	-4,670	
WASTE IN LIEU OF BORROW						-1,026,594	-1,026,594
PROJECT TOTALS			1,653,252	12,000	1,813,538	160,610	7,000
5% TO REPLACE BORROW PIT						8,031	
GRAND TOTAL			1,653,252			168,641	
SAY:			1,653,300			168,700	