

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

IN CUBIC METERS

COMPUTED BY: PWR DATE: 05/20/04
 CHECKED BY: MWL DATE: 08/13/04



LOCATION	UNCL. EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
-L- 23+20.000 TO 32+20.000	199330	0	49669	0	149661
-Y- 10+14.200 TO 13+20.000	2921	0	13550	10629	0
-Y1- 10+03.600 TO 11+60.000	1125	0	342	0	783
SUBTOTAL 1	203376	0	63561	10629	150444
-L- 32+20.000 TO 41+20.000	77251	0	81083	3832	0
-Y9- 11+20.000 TO 12+23.870	450	0	596	146	0
-Y9- 12+57.184 TO 13+40.000	62	0	134	72	0
SUBTOTAL 2	77763	0	81813	4050	0
-L- 41+20.000 TO 50+20.000	52459	0	155252	102793	0
SUBTOTAL 3	52459	0	155252	102793	0
-L- 50+20.000 TO 59+20.000	115107	0	132494	17387	0
-Y10- 10+14.200 TO 11+80.000	1921	0	5704	3783	0
-Y10A- 10+03.300 TO 11+20.000	584	0	6940	6356	0
SUBTOTAL 4	117612	0	145138	27526	0
-L- 59+20.000 TO 61+04.888	14986	0	18106	3120	0
SUBTOTAL 5	14986	0	18106	3120	0
-L- 61+56.888 TO 70+60.000	83301	0	49756	0	33545
-DRI- 10+00.000 TO 11+54.812	348	0	676	328	0
SUBTOTAL 6	83649	0	50432	328	33545
-L- 70+60.000 TO 75+40.000	19529	0	34375	14846	0
-RTL2- 75+40.000 TO 79+43.042	17729	0	34390	16661	0
-Y14- 10+14.211 TO 10+60.000	23	0	305	282	0
-Y14A- 10+00.000 TO 11+23.726	3513	0	0	0	3513
-Y11- 10+00.000 TO 13+14.107	8468	0	2586	0	5882
-Y13- 10+60.000 TO 11+06.197	48	0	22	0	26
-Y12DET- 10+16.252 TO 12+45.860	1898	0	390	0	1508
-Y12- 10+04.053 TO 11+40.000	319	0	6815	6496	0
-Y12DET- REMOVAL 10+16.252 TO 12+45.860	220	0	3611	3391	0
SUBTOTAL 7	51747	0	82494	41676	10929
PROJECT SUBTOTAL	601592	0	596796	190122	194918
MATERIAL FOR SHOULDER CONSTRUCTION			28800	28800	
REDUCTION OF UNCLASSIFIED EXCAVATION DUE TO CLEARING AND GRUBBING					-12000
UNDERCUT AT GRADEPOINTS					
ESTIMATED UNDERCUT					
SELECT GRANULAR MATERIAL			-500	-500	
SELECT MATERIAL			-2000	-2000	
PROJECT SUBTOTAL	589592		623096	216422	182918
WASTE IN LIEU OF BORROW				-182918	
EST 5% TO REPLACE TOPSOIL IN BORROW PIT				1675	
PROJECT TOTALS	589592		623096	35179	
SAY	590000			36000	

EST. DDE = 4550 C.M.
 EST. UNDERCUT = 8000 C.M.