

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

IN CUBIC YARDS

STATION	STATION	UNCL. EXCAV.	EMBANK	BORROW	WASTE
PHASE 1 SUMMARY 1					
-DET- 10+00	-DET- 19+36.68	500	708	208	
-DET2- 18+50	-DET2- 40+00	3,086	193		2,893
-DET3- 10+00	-DET3- 12+25	202	32		170
-DETB- 10+00	-DETB- 14+19.48	88	72		16
-DETE- 10+00	-DETB- 14+81.11	43	140	97	
SUBTOTAL 1		3,919	1,145	305	3,079
PHASE 1A					
-Y1- 10+00	-Y1- 16+50	35,553	1,523		34,030
-Y4- 10+00	-Y4- 25+24.51	14,658	29,077	14,419	70
-DET4- 10+00	-DET4- 12+25	75	198	123	
-DET2- 40+00	-DET2- 54+17.40	1,326	5,738	4,412	
SUBTOTAL 2		51,612	36,536	18,954	34,100
PHASE 1 TOTAL		55,531	37,681	19,259	37,179
PHASE 2 SUMMARY 1 - RIGHT					
-L- 12+70 RIGHT	-L- 37+00 RIGHT	169	128		41
SUBTOTAL 1		169	128		41
-L- 37+00 RIGHT	59+85.01 BRIDGE	28,184	9,443		18,741
-RPC- 10+00	-RPC- 26+78.72	11,239	1,052		10,187
SUBTOTAL 2		39,423	10,495		28,928
-L- 62+07.57 BRIDGE	-L- 84+60 RIGHT	3,683	2,303		1,380
-RPD- 10+00	23+07.13	15,738	8,426		7,312
SUBTOTAL 3		19,421	10,729		8,692
PHASE 2 TOTAL - RIGHT		59,013	21,353		37,661
PHASE 2 SUMMARY 2 - LEFT					
-L- 12+70 LEFT	-L- 37+00 LEFT	230	85		145
SUBTOTAL 1		230	85		145
-L- 37+00 LEFT	59+98.25 BRIDGE	10,341	5,915		4,426
-Y1- 16+50	-Y1- 17+50	13,671			13,671
-DET2- 35+50	-DET2- 45+50	9,556			9,556
SUBTOTAL 2		33,568	5,915		27,653
PHASE 2 TOTAL - LEFT		33,798	6,000		27,798
PHASE 2 TOTAL		92,811	27,353		65,459

STATION	STATION	UNCL. EXCAV.	EMBANK	BORROW	WASTE
PHASE 3 SUMMARY					
-L- 62+20.35 BRIDGE	-L- 84+60 LEFT	2,030	1,879		235
-RPA- 10+00	-RPA- 23+43.46	9,098	2,874		6,224
-RPB- 10+00	-RPB- 23+48.81	2,069	251		1,818
-Y1- 17+50	-Y1- 26+98.47	35,405	1		35,404
-Y2- 10+60	-Y2- 21+00	3,254	805		2,449
-Y3- 28+00	-Y3- 32+99.53	6,167	32		6,135
-DET- 10+00 REMOVE	-DET- 19+36.68	590	600	10	
-DET4- 10+00 REMOVE	-DET4- 12+25	165	90		75
-DET3- 10+00 REMOVE	-DET3- 12+25	27	242	215	
-DETB- 10+00 REMOVE	-DETB- 14+19.48	60	106	46	
-DETE- 10+00 REMOVE	-DETB- 14+81.11	117	52		65
PHASE 3 TOTAL		58,982	6,932	271	52,405
PROJECT SUBTOTAL		207,324	71,966	19,531	155,043
LOSS DUE TO CLEARING & GRUBBING		-5,100			-5,100
WASTE IN LIEU OF BORROW				-19,531	-19,531
PROJECT TOTALS:		202,224	71,966		130,411
GRAND TOTALS:		202,224	71,966		130,411
SAY:		202,300			

EST. SHALLOW UNDERCUT BY STATIONS = 800 CUBIC YARDS
 CONTINGENCY SHALLOW UNDERCUT = 2,000 CUBIC YARDS
 CONTINGENCY UNDERCUT FOR EMBANKMENT STABILITY BY STATION = 725 CUBIC YARDS
 CONTINGENCY UNDERCUT FOR EMBANKMENT STABILITY = 1,000 CUBIC YARDS
 CONTINGENCY UNDERCUT FOR SUBGRADE STABILITY = 1,000 CUBIC YARDS
 EST. CLASS IV SUBGRADE STABILIZATION BY STATIONS = 2,450 TONS
 CONTINGENCY CLASS IV SUBGRADE STABILIZATION = 5,200 TONS
 SELECT GRANULAR MATERIAL BY STATIONS = 725 CUBIC YARDS
 CONTINGENCY SELECT GRANULAR MATERIAL = 2,000 CUBIC YARDS

SHOULDER BORROW = 2,700 CUBIC YARDS
 PAVEMENT VOLUME STRUCTURE = 12,500 CUBIC YARDS
 EST. DDE = 920 CUBIC YARDS

*NOTE: UNCLASSIFIED EXCAVATION - ACCEPTABLE, BUT NOT TO BE USED IN TOP 3' OF EMBANKMENT BENEATH PAVEMENT SECTION FROM -L- 56+25 TO 56+75 (623 CY) & -L- 62+25 TO 62+75 (1,242 CY) & -L- 64+25 TO 64+75 (13 CY) & -L- 80+25 TO 84+75 (683 CY) & -Y1- 11+75 TO 14+75 (8,491 CY) & -Y1- 20+25 TO 27+25 (15,482 CY)