

COMPUTED BY: H.W. BARE DATE: 09/24/04
 CHECKED BY: D.C. KEENER DATE: 01/25/05



PROJECT NO. R-2539C SHEET NO. 3-Y

**STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS**

**SUMMARY OF EARTHWORK
 IN CUBIC METERS**

Greenhorne & O'Mara, Inc.
 5565 Centerview Drive, Suite 107
 Raleigh, NC 27606

STATION	TO	STATION	UNCL. EXC.	UNDERCUT	ROADWAY EMB + %	BORROW	WASTE
SUMMARY #1							
- L- 155+43.630	TO	- L- 166+00.000	5,962	10,458	20,593	14,631	10,458
SUMMARY #1 TOTAL			5,962	10,458	20,593	14,631	10,458
SUMMARY #2							
- L- 166+00.000	TO	- L- 176+00.000	1,319	364	9,901	8,582	364
-Y- 10+35.000	TO	-Y- 11+19.107	252		134	0	118
-Y- 12+02.091	TO	-Y- 12+90.000	165		68	0	97
SUMMARY #2 TOTAL			1,736	364	10,103	8,582	579
SUMMARY #3							
- L- 176+00.000	TO	- L- 186+00.000	10,290	3,906	12,295	2,005	3,906
SUMMARY #3 TOTAL			10,290	3,906	12,295	2,005	3,906
SUMMARY #4							
- L- 186+00.000	TO	- L- 196+00.000	6,531		23,745	17,214	0
-Y2- 11+75.000	TO	-Y2- 12+57.072	19		2,086	2,067	0
-Y3- 10+30.701	TO	-Y3- 11+05.000	237		125	0	112
-Y4- 10+80.000	TO	-Y4- 11+18.978	86		28	0	58
-Y4- 11+77.056	TO	-Y4- 12+20.000	214		10	0	204
- Y5- 10+20.000	TO	- Y5- 10+82.019	164		69	0	95
- Y5- 11+44.826	TO	- Y5- 11+90.000	54		298	244	0
SUMMARY #4 TOTAL			7,305	0	26,361	19,525	469
SUMMARY #5							
- L- 196+00.000	TO	- L- 206+00.000	1,013	12,833	54,923	53,910	12,833
- Y7- 10+60.000	TO	- Y7- 10+87.082	14		31	17	0
- Y7- 11+60.371	TO	- Y7- 12+00.000	0		166	166	0
- Y8- 12+02.771	TO	- Y8- 12+35.500	26		45	19	0
- Y9- 10+05.000	TO	- Y9- 10+64.659	201		575	374	0
SUMMARY #5 TOTAL			1,254	12,833	55,740	54,486	12,833

STATION	TO	STATION	UNCL. EXC.	UNDERCUT	ROADWAY EMB + %	BORROW	WASTE	
SUMMARY #6								
- L- 206+00.000	TO	- L- 216+00.000	862	613	8,980	8,118	613	
- Y10- 10+31.881	TO	- Y10- 10+85.000	156		49	0	107	
- Y14- 10+20.000	TO	- Y14- 10+66.407	16		133	117	0	
SUMMARY #6 TOTAL			1,034	613	9,162	8,235	720	
SUMMARY #7								
- L- 216+00.000	TO	- L- 226+00.000	543		7,328	6,785	0	
- Y16- 10+30.595	TO	- Y16- 10+75.000	51		71	20	0	
- Y18- 10+28.838	TO	- Y18- 11+00.000	210		149	0	61	
SUMMARY #7 TOTAL			804	0	7,548	6,805	61	
SUMMARY #8								
- L- 226+00.000	TO	- L- 236+91.618	744		3,763	3,019	0	
- Y19- 10+27.147	TO	- Y19- 11+40.000	270		298	28	0	
- Y20- 10+13.000	TO	- Y20- 10+73.378	74		16	0	58	
- Y21- 10+25.787	TO	- Y21- 10+76.000	24		30	6	0	
- Y22- 10+48.000	TO	- Y22- 10+73.692	22		9	0	13	
- Y23- 10+93.317	TO	- Y23- 11+40.000	88		45	0	43	
SUMMARY #8 TOTAL			1,222	0	4,161	3,053	114	
SUBTOTAL			29,607	28,174	145,963	117,322	29,140	
EARTH WASTE TO REPLACE BORROW							-966	-966
EST. SHOULDER MATERIAL					10,188	10,188		
SELECT GRANULAR MATERIAL IN LIEU OF BORROW					0	0	-18,000	0
SELECT MATERIAL, CLASS III, IN LIEU OF BORROW					0	0	-16,500	0
ADDITIONAL UNDERCUT					1,000	1,250	1,000	1,000
PROJECT TOTAL			29,607	29,174	157,401	93,294	29,174	
EST. 5% FOR REPLACING TOPSOIL ON BORROW PITS							4,665	
GRAND TOTAL			29,607	29,174	157,401	97,959	29,174	
SAY			29,700	29,200		98,000		

PAVEMENT STRUCTURE VOLUME, CU. 4950
 DRAINAGE DITCH EXCAVATION, CU. M 8020