

**EARTHWORK BALANCE CARD (in cubic meters)**

PROJECT: R-2539C, C201116

COUNTY: PAMLICO

DATE: 01/25/05

COMPUTED BY: HMB  
CHECKED BY: DCK

STATION	STATION	TOTAL EXCAV. (UNCL.)	ROCK EXCAV.	UNDERCUT EXCAV.	UNSUIT. EXCAV.	SUITABLE EXCAV.	TOTAL EMBANK.	ROCK EMBANK.	EARTH EMBANK.	EMBANK + 25%	BORROW	SUITABLE WASTE	ROCK WASTE	UNSUIT. WASTE	TOTAL WASTE
SUMMARY #1															
-L- 155+43.630	-L- 166+00.000	5,962	0	10,458		5,962	16,474	0	16,474	20,553	14,631	0	0	10,458	10,458
SUMMARY #1 TOTAL		5,962	0	10,458		5,962	16,474	0	16,474	20,553	14,631	0	0	10,458	10,458
SUMMARY #2															
-L- 176+00.000	-L- 176+00.000	1,319	0	364		1,319	7,921	0	7,921	9,901	8,622	0	0	364	364
-Y- 10+35.000	-Y- 11+19.107	252				252	107	0	107	134	0	118	0	0	118
-Y- 12+02.091	-Y- 12+90.000	165				165	54	0	54	68	0	97	0	0	97
SUMMARY #2 TOTAL		1,736	0	364		1,736	8,082	0	8,082	10,103	8,622	215	0	364	579
SUMMARY #3															
-L- 176+00.000	-L- 186+00.000	10,290	0	3,906		10,290	9,836	0	9,836	12,295	2,005	0	0	3,906	3,906
SUMMARY #3 TOTAL		10,290	0	3,906		10,290	9,836	0	9,836	12,295	2,005	0	0	3,906	3,906
SUMMARY #4															
-L- 186+00.000	-L- 186+00.000	6,531	0			6,531	18,996	0	18,996	23,745	17,214	0	0	0	0
-Y2- 12+57.072	-Y2- 12+57.072	19				19	1,669	0	1,669	2,069	2,067	0	0	0	0
-Y3- 10+30.701	-Y3- 11+05.000	0				0	0	0	0	0	0	0	0	0	0
-Y4- 10+89.000	-Y4- 11+18.978	86				86	22	0	22	28	0	56	0	0	56
-Y4- 11+77.055	-Y4- 12+20.000	214				214	8	0	8	10	0	204	0	0	204
-Y5- 10+20.000	-Y5- 10+62.019	164				164	55	0	55	69	0	95	0	0	95
-Y5- 11+44.826	-Y5- 11+90.000	54				54	238	0	238	298	244	0	0	0	244
SUMMARY #4 TOTAL		7,305	0			7,305	21,088	0	21,088	26,361	19,525	469	0	0	469
SUMMARY #5															
-L- 196+00.000	-L- 206+00.000	1,013	0	12,833		1,013	43,938	0	43,938	54,923	53,910	0	0	12,833	12,833
-Y7- 10+60.000	-Y7- 10+87.082	14				14	25	0	25	31	17	0	0	0	0
-Y7- 11+60.371	-Y7- 12+00.000	0				0	133	0	133	166	166	0	0	0	0
-Y8- 12+02.771	-Y8- 12+35.500	26				26	36	0	36	45	19	0	0	0	0
-Y9- 10+05.000	-Y9- 10+64.659	201				201	460	0	460	575	374	0	0	0	374
SUMMARY #5 TOTAL		1,254	0	12,833		1,254	44,592	0	44,592	55,740	54,496	0	0	12,833	12,833
SUMMARY #6															
-L- 216+00.000	-L- 216+00.000	862	0	613		862	7,164	0	7,164	8,980	8,118	0	0	613	613
-Y10- 10+31.881	-Y10- 10+95.000	156				156	39	0	39	49	0	107	0	0	107
-Y14- 10+20.000	-Y14- 10+66.407	16				16	106	0	106	133	117	0	0	0	0
SUMMARY #6 TOTAL		1,034	0	613		1,034	7,329	0	7,329	9,162	8,235	107	0	613	720
SUMMARY #7															
-L- 226+00.000	-L- 226+00.000	543	0			543	5,862	0	5,862	7,328	6,785	0	0	0	0
-Y16- 10+30.595	-Y16- 10+75.000	51				51	57	0	57	71	20	0	0	0	0
-Y16- 10+28.838	-Y16- 11+00.000	210				210	119	0	119	149	0	61	0	0	61
SUMMARY #7 TOTAL		804	0			804	6,038	0	6,038	7,548	6,805	61	0	0	61
SUMMARY #8															
-L- 226+00.000	-L- 236+91.618	744	0			744	3,010	0	3,010	3,763	3,019	0	0	0	0
-Y19- 10+27.147	-Y19- 11+40.000	270				270	238	0	238	298	28	0	0	0	0
-Y20- 10+13.000	-Y20- 10+73.378	74				74	13	0	13	16	0	58	0	0	58
-Y21- 10+25.787	-Y21- 10+76.000	24				24	24	0	24	30	6	0	0	0	0
-Y22- 10+46.000	-Y22- 10+73.892	22				22	7	0	7	9	0	13	0	0	13
-Y23- 10+93.317	-Y23- 11+40.000	88				88	36	0	36	45	0	43	0	0	43
SUMMARY #8 TOTAL		1,222	0			1,222	3,328	0	3,328	4,161	3,053	114	0	0	114
SUBTOTAL		29,607	0	28,174		29,607	116,767	0	116,767	145,963	117,322	966	0	28,174	29,140
EARTH WASTE TO REPLACE BORROW															
EST. SHOULDER MATERIAL							8,150		8,150	10,188	(966)				(966)
SELECT GRANULAR MATERIAL IN LIEU OF BORROW										(18,000)					
SELECT MATERIAL CLASS III IN LIEU OF BORROW										(16,500)					
ADDITIONAL UNDERCUT							1,000		1,000	1,250					1,000
PROJECT TOTAL		29,607	0	28,174	0	29,607	125,917	0	125,917	157,401	93,294	0	0	29,174	28,174
EST. 5% FOR REPLACING TOPSOIL ON BORROW PITS										4,665					
GRAND TOTAL		29,607	0	28,174	0	29,607	125,917	0	125,917	157,401	97,958	0	0	29,174	28,174
SAV		29,700		29,200		29,700				98,000				29,200	

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

PROJECT REFERENCE NUMBER	SHEET NO.	TOTAL SHEETS
	<b>3D</b>	<b>45</b>
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION