

EARTHWORK BALANCE CARD (in cubic meters)

PROJECT R-233RC, C201118

COUNTY: PAMILICO

DATE: 09/29/04
COMPUTED BY: HWB
CHECKED BY: DCK

STATION	STATION	TOTAL EXCAV. (UNCL.)	ROCK EXCAV.	UNDERCUT EXCAV.	UNSUIT. EXCAV. (UNCL.)	SUITABLE EXCAV. (UNCL.)	TOTAL EMBANK.	ROCK EMBANK.	EARTH EMBANK.	EMBANK. + 25%	BORROW	SUITABLE WASTE	ROCK WASTE	UNSUIT. WASTE	TOTAL WASTE
SUMMARY #1	-L-186+00.000	16,420		10,458		16,420	16,474		16,474	20,593	4,173			10,458	10,458
SUMMARY #1 TOTAL		16,420		10,458		16,420	16,474		16,474	20,593	4,173			10,458	10,458
SUMMARY #2	-L-176+00.000	1,683		384		1,683	7,921		7,921	9,901	8,218			384	384
-Y-10+35.000	-Y-11+19.107	252			252	107			107	134		118		118	118
-Y-12+02.091	-Y-12+90.000	165			165	54			54	66		97		97	97
SUMMARY #2 TOTAL		2,100		364		2,100	8,082		8,082	10,103	8,218	215		384	384
SUMMARY #3	-L-176+00.000	14,196		3,906		14,196	9,836		9,836	12,295		1,901		3,906	5,807
SUMMARY #3 TOTAL		14,196		3,906		14,196	9,836		9,836	12,295		1,901		3,906	5,807
SUMMARY #4	-L-196+00.000	6,531			6,531	16,996			16,996	23,745	17,214				
-Y2-12+57.072	-Y3-11+05.000	19			19	1,689			1,689	2,086	2,087				112
-Y4-10+30.701	-Y4-11+18.978	237			237	100			100	125		112			58
-Y4-10+80.000	-Y4-12+20.000	86			86	22			22	28		58			204
-Y4-11+77.056	-Y5-10+82.019	214			214	8			8	10		95			95
-Y5-10+20.000	-Y5-11+41.626	164			164	55			55	69	244				469
-Y5-11+41.626		54			54	238			238	298					469
SUMMARY #4 TOTAL		7,395			7,395	21,088			21,088	28,381	19,525	469			469
SUMMARY #5	-L-206+00.000	13,846		12,833		13,846	43,938		43,938	54,823	41,077			12,833	12,833
-Y7-10+87.082	-Y7-12+00.000	14			14	25			25	31	17				613
-Y7-11+80.371	-Y8-12+35.500	156			156	133			133	166					107
-Y8-12+02.771	-Y8-10+05.000	28			28	36			36	45	19				61
-Y8-10+05.000		201			201	460			460	575	374				720
SUMMARY #5 TOTAL		14,087		12,833		14,087	44,592		44,592	55,740	41,653			12,833	12,833
SUMMARY #6	-L-216+00.000	1,475		613		1,475	7,184		7,184	8,980	7,505			613	613
-Y10-10+31.881	-Y14-10+66.407	16			16	106			106	133	117				107
		1,459			1,459	7,078			7,078	8,847	7,388			613	613
SUMMARY #6 TOTAL		1,647		613		1,647	7,329		7,329	9,182	7,622			613	720
SUMMARY #7	-L-226+00.000	543			543	5,882			5,882	7,328	6,785				
-Y16-10+30.595	-Y18-11+00.000	51			51	57			57	71	20				61
-Y18-10+28.838		210			210	119			119	149		61			61
SUMMARY #7 TOTAL		804			804	6,038			6,038	7,546	6,805	61			61
SUMMARY #8	-L-236+91.618	744			744	3,010			3,010	3,763	3,019				
-Y19-10+27.147	-Y20-10+73.378	270			270	238			238	298	28				58
-Y21-10+25.787	-Y22-10+73.692	24			24	24			24	30	6				13
-Y23-10+83.317		88			88	36			36	45	43				43
SUMMARY #8 TOTAL		1,222			1,222	3,328			3,328	4,181	3,053	114			114
SUBTOTAL		57,781		28,174		57,781	116,767		116,767	145,963	91,949	2,887		28,174	31,041
EARTH WASTE TO REPLACE BORROW															
EST. SHOULDER MATERIAL						8,150			8,150	10,188	(2,887)				(2,887)
SELECT GRANULAR MATERIAL IN LIEU OF BORROW						1,000			1,000	1,250	(18,000)				(16,750)
ADDITIONAL UNDERCUT				1,000		1,000			1,000	1,250				1,000	1,000
PROJECT TOTAL		57,781		29,174		57,781	125,817		125,817	157,481	65,120			29,174	29,174
EST. 5% FOR REPLACING TOP SOIL ON BORROW FITS											3,258				3,258
GRAND TOTAL		57,781		29,174		57,781	125,817		125,817	157,481	68,378			29,174	29,200
SAY		57,800				57,800				68,400					29,200

PAVEMENT STRUCTURE VOLUME C.U.M. = 6920
DRAINAGE DITCH EXCAVATION C.U.M. = 8020

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