

SHRINKAGE FACTOR = 25 %
 ROCK SWELL = 0 %

REVISED BY: SANDRA G. MELVIN Apr 29, 2004

PROJECT: R-513C

COUNTY: ROBESON

DATE: JULY 2001

COMPILED BY: SANDRA G. MELVIN

SHEET 2 OF 4

LINE (STATION TO STATION)	EXCAVATION					EMBANKMENT					BORROW	WASTE		
	TOTAL UNCLASS	ROCK	TOTAL UNDERCUT	UNSUITABLE EARTH	SUITABLE EARTH	TOTAL	ROCK	EARTH	EARTH + 25 %	ROCK		SUITABLE	UNSUITABLE	

SUMMARY NO. 4

-L- 278+41 TO 288+40	3,084				3,084	293,268	0	293,268	366,585	363,501	0	0	0
-Y2-	40,949				40,949	168,255	0	168,255	210,319	169,370	0	0	0
-Y2rpdet-	1,005				1,005	233	0	233	291	0	0	714	0
-RPDET1-	69				69	3,827	0	3,827	4,784	4,715	0	0	0
-RPDET1-Removal	3,658				3,658		0	0	0	0	0	3,658	0
-RPDET2-	109				109	607	0	607	759	650	0	0	0
-RPDET2-Removal	403				403		0	0	0	0	0	403	0
10+30 -Y3- TO 23+92.674 -Y3-	2,256				2,256	45,789	0	45,789	57,236	54,980	0	0	0
-Y3A-	986				986	1,018	0	1,018	1,273	287	0	0	0
9+80 -Y8- TO 13+00 -Y8-	1,500				1,500	2,678	0	2,678	3,348	1,848	0	0	0
RAMP A @ -Y2-	8				8	5,973	0	5,973	7,466	7,458	0	0	0
LOOP A @ -Y2-					0	30,838	0	30,838	38,548	38,548	0	0	0
RAMP D @ -Y2-	236				236	36,081	0	36,081	45,101	44,865	0	0	0
LOOP D -Y2-	16				16	56,985	0	56,985	71,231	71,215	0	0	0

SUBTOTAL NO. 4	54,279	0	0	0	54,279	645,552	0	645,552	806,941	757,437	0	4,775	0
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SUMMARY NO. 5

-L- 288+40 TO 298+40	1,976		3,101	447	1,529	109,652	0	109,652	137,065	135,536	0	0	3,548
26+20 -Y8- TO 30+89 -Y8-	3				3	15,755	0	15,755	19,694	19,691	0	0	0
-Y8A-	379				379	276	0	276	345	0	0	34	0
1+20 -Y9- TO 3+28 -Y9-	805				805	4,625	0	4,625	5,781	4,976	0	0	0
-Y9A-	131				131	29	0	29	36	0	0	95	0
RAMP B @ -Y3-	332				332	13,487	0	13,487	16,859	16,527	0	0	0
RAMP C @ -Y3-	932				932	20,790	0	20,790	25,988	25,056	0	0	0

SUBTOTAL NO. 5	4,558	0	3,101	447	4,111	164,614	0	164,614	205,768	201,786	0	129	3,548
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