

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 1 OF 4

LINE (STATION TO STATION)	EXCAVATION					EMBANKMENT				BORROW	WASTE		
	TOTAL UNCLASS	ROCK	TOTAL UNDERCUT	UNSUITABLE EARTH	SUITABLE EARTH	TOTAL	ROCK	EARTH + 25 %			ROCK	SUITABLE	UNSUITABLE
SUMMARY NO. 1													
-L- 248+80 TO 260+00	2,637				2,637	72,067	0	72,067	90,084	87,447	0	0	0
-Y1-	307				307	88,544	0	88,544	110,680	110,373	0	0	0
-Y1A-	421				421	943	0	943	1,179	758	0	0	0
RAMP A @ -Y1-					0	17,464	0	17,464	21,830	21,830	0	0	0
RAMP B @ -Y1-					0	13,319	0	13,319	16,649	16,649	0	0	0
RAMP C @ -Y1-					0	15,995	0	15,995	19,994	19,994	0	0	0
RAMP D @ -Y1-					0	8,567	0	8,567	10,709	10,709	0	0	0
					0		0	0	0	0	0	0	0
SUBTOTAL NO. 1	3,365	0	0	0	3,365	216,899	0	216,899	271,125	267,760	0	0	0
SUMMARY NO. 2													
-L- 260+00 TO 270+00	379				379	64,680	0	64,680	80,850	80,471	0	0	0
					0		0	0	0	0	0	0	0
SUBTOTAL NO. 2	379	0	0	0	379	64,680	0	64,680	80,850	80,471	0	0	0
SUMMARY NO. 3													
-L- 270+00 TO 276+97	133				133	221,645	0	221,645	277,056	276,923	0	0	0
-Y5-	7,791				7,791	123,509	0	123,509	154,386	146,595	0	0	0
-Y6	23				23	1,803	0	1,803	2,254	2,231	0	0	0
RAMP B @ -Y2-					0	22,187	0	22,187	27,734	27,734	0	0	0
LOOP B @ -Y2-					0	90,659	0	90,659	113,324	113,324	0	0	0
LOOP C @ -Y2-	98				98	10,636	0	10,636	13,295	13,197	0	0	0
SUBTOTAL NO. 3	8,045	0	0	0	8,045	470,439	0	470,439	588,049	580,004	0	0	0