

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 3 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. 6

-L- 298+40 TO 308+40	6,296		1,349	1,752	4,544	51,476	0	51,476	64,345	59,801	0	0	3,101
27+40 -Y3- TO 43+40 -Y3-	1,574				1,574	250,158	0	250,158	312,698	311,124	0	0	0
31+08 -Y8- TO 35+00 -Y8-	82				82	11,648	0	11,648	14,560	14,478	0	0	0
3+50 -Y9- TO 6+00 -Y9-	546				546	18,075	0	18,075	22,594	22,048	0	0	0
-Y8B-	353				353	35	0	35	44	0	0	309	0
RAMP A @ -Y3-	26				26	59,146	0	59,146	73,933	73,907	0	0	0
RAMP D @ -Y3-	208				208	38,935	0	38,935	48,669	48,461	0	0	0

<b>SUBTOTAL NO 6</b>	<b>9,085</b>	<b>0</b>	<b>1,349</b>	<b>1,752</b>	<b>7,333</b>	<b>429,473</b>	<b>0</b>	<b>429,473</b>	<b>536,843</b>	<b>529,819</b>	<b>0</b>	<b>309</b>	<b>3,101</b>
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SUMMARY NO. 7

-L- 308+40 TO 318+40	4,202				4,202	23,968	0	23,968	29,960	25,758	0	0	0
-Y4-	1,382				1,382	60,989	0	60,989	76,236	74,854	0	0	0
-Y4-DETOUR	1,948				1,948	427	0	427	534	0	0	1,414	0
-Y4-DETOUR REMOVAL	724				724	0	0	0	0	0	0	724	0
47+40 -Y8- TO 50+82 -Y8-	73				73	5,620	0	5,620	7,025	6,952	0	0	0
22+40 -Y9 TO 24+97 -Y9-	129				129	1,435	0	1,435	1,794	1,665	0	0	0

<b>SUBTOTAL NO. 7</b>	<b>8,458</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,458</b>	<b>92,439</b>	<b>0</b>	<b>92,439</b>	<b>115,549</b>	<b>109,229</b>	<b>0</b>	<b>2,138</b>	<b>0</b>
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SUMMARY NO. 8

-L- 318+40 TO 328+40	5,361				5,361	11,555	0	11,555	14,444	9,083	0	0	0
50+94-Y8-TO 54+00-Y8-	12				12	6,193	0	6,193	7,741	7,729	0	0	0
-Y8C-	564				564	8	0	8	10	0	0	554	0
25+04 -Y9- TO 29+20 -Y9-	55				55	11,181	0	11,181	13,976	13,921	0	0	0

<b>SUBTOTAL NO. 8</b>	<b>5,992</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,992</b>	<b>28,937</b>	<b>0</b>	<b>28,937</b>	<b>36,171</b>	<b>30,733</b>	<b>0</b>	<b>554</b>	<b>0</b>
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SUMMARY NO. 9

-L- 328+40 to 339+74.5	4,287				4,287	16,077	0	16,077	20,096	15,809	0	0	0
70+60 -Y8- to 73+17 -Y8-	974				974	606	0	606	758	0	0	216	0

<b>SUBTOTAL NO. 9</b>	<b>5,261</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,261</b>	<b>16,683</b>	<b>0</b>	<b>16,683</b>	<b>20,854</b>	<b>15,809</b>	<b>0</b>	<b>216</b>	<b>0</b>
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