

COMPUTED BY: *PAW* DATE: 8/31/04
 CHECKED BY: *J. L. Laws* DATE: 8/31/04

PROJECT NO. SHEET NO.
 R-3427 3-M

**STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS**

SUMMARY OF EARTHWORK

LOCATION	UNCL. EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
-L- 13+89.00 TO 26+00.00	1152		3893	2741	
-L- 26+50.00 TO 51+50.00	1665		2971	1306	
SUBTOTAL	2817		6864	4047	
-L- 52+00.00 TO 74+50.00	1426		2551	1125	
-Y1- 13+40.00 TO 18+26.94	781				781
-Y2- 10+00.00 TO 16+50.00	4546		10		4536
-DETC- 11+60.56 TO 24+01.72	878		340		538
-L- 74+50.00 TO 79+50.00	5714		2		5712
-L- 80+00.00 TO 86+00.00	1720		941		779
SUBTOTAL	15065		3844	1125	12346
-L- 86+50.00 TO 103+00.00	1165		2084	919	
SUBTOTAL	1165		2084	919	
-L- 103+50.00 TO 137+00.00	3703		3648		55
SUBTOTAL	3703		3648		55
-L- 137+50.00 TO 159+50.00	3655		3955	300	
-Y4- 10+00.00 TO 15+05.79	2156		2		2154
-Y5- 10+00.00 TO 16+00.00	2430		14		2416
-DETB- 10+00.00 TO 27+55.09	1234		2940	1706	
-L- 159+50.00 TO 168+50.00	4595		227		4368
-L- 169+00.00 TO 177+90.18	3856		2449		1407
SUBTOTAL	17926		9587	2006	10345
-LREV- 177+90.18 TO 189+85.94	902		2267	1365	
-L- 189+85.94 TO 203+00.00	1050		292		758
SUBTOTAL	1952		2559	1365	758
-L- 203+50.00 TO 229+00.00	5699		3103		2596
SUBTOTAL	5699		3103		2596
-DETA- 11+00.00 TO 18+10.00	51		13751	13700	
SUBTOTAL	51		13751	13700	
-L- 229+50.00 TO 235+68.00	2360		3739	1379	
-L- 237+78.00 TO 251+68.00	17825		10586		7239
-DETA- 19+30.00 TO 33+90.97	881		19046	18165	
-Y6- 11+50.00 TO 15+85.54	681		10		671
SUBTOTAL	21747		33381	19544	7910
-L- 252+00.00 TO 276+00.00	4883		7892	3009	
	4883		7892	3009	
-DETA- 11+00.00 TO 18+10.00	9592				9592
-DETA- 19+30.00 TO 33+90.97	15290				15290
SUBTOTAL	24882				24882
TOTAL	99890		86713	45715	58892
LOSS DUE TO CLEAR & GRUB	-2300			2300	
EARTH WASTE TO REPL. BORROW				-34010	-34010
ESTIMATED SHOULDER MATERIAL			24270	24270	
ADDITIONAL UNDERCUT		1500			
PROJECT TOTAL	97590	1500	110983	38275	24882
5% EST. TO REPLACE TOPSOIL				1914	
GRAND TOTAL	97590			40189	
SAY	98000			40500	

ESTIMATED DRAINAGE DITCH EXCAVATION = 2700 CY

**SUMMARY OF EXISTING ASPHALT
 PAVEMENT REMOVAL**

LINE	BEG. STA.	END. STA.	LOCATION	Y2
-L-	73+50.000	84+50.000	RT/LT	2444.444
-L-	164+50.000	175+50.000	RT/LT	2444.444
-L-	230+50.000	235+68.000	RT/LT	1151.111
-L-	237+78.000	248+00.000	RT/LT	2271.111
-Y1-	15+00.000	16+50.000	RT/LT	305.000
-Y1-	16+50.000	18+05.920	RT/LT	739.222
-Y2-	10+21.020	11+00.000	RT/LT	817.778
-Y2-	11+00.000	12+00.000	RT/LT	313.889
-Y2-	12+00.000	15+50.000	RT/LT	855.556
-Y4-	11+00.000	13+00.000	RT/LT	411.111
-Y4-	13+00.000	14+00.000	RT/LT	227.778
-Y4-	14+00.000	14+85.420	RT/LT	336.333
-Y5-	10+20.110	11+00.000	RT/LT	445.556
-Y5-	11+00.000	12+00.000	RT/LT	252.222
-Y5-	12+00.000	14+00.000	RT/LT	472.222
-Y6-	12+00.000	13+00.000	RT/LT	222.222
-Y6-	13+00.000	14+00.000	RT/LT	244.444
-Y6-	14+00.000	15+00.000	RT/LT	288.889
-Y6-	15+00.000	15+65.360	RT/LT	386.111
DETA	12+40.000	14+00.000	RT/LT	183.222
DETA	19+30.000	22+50.000	RT/LT	924.444
DETA	14+00.000	18+10.000	RT/LT	1184.444
DETA	22+50.000	23+15.000	RT/LT	184.889
DETA	23+15.000	24+27.000	RT/LT	233.667
DETA	24+27.000	25+40.000	RT/LT	188.333
DETA	25+40.000	26+08.000	RT/LT	78.556
DETA	27+00.000	28+69.000	RT/LT	284.889
DETA	28+69.000	32+80.000	RT/LT	373.000
DETB	12+10.000	14+00.000	RT/LT	279.778
DETB	14+00.000	25+00.000	RT/LT	2780.556
DETB	25+00.000	26+88.000	RT/LT	325.111
DETC	12+20.000	14+00.000	RT/LT	215.111
DETC	14+00.000	19+15.000	RT/LT	1373.333
DETC	19+15.000	20+00.000	RT/LT	160.889
DETC	20+00.000	22+82.000	RT/LT	233.222
PER GEOTECHNICAL REPORT - CONTINGENCY ITEM				500.000

PROJECT TOTAL: 24132.89

SAY 24,200.00