

12/06/07

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STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO.
 R-5605 3B-1

SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV.	UNDERCUT	EMBANK. +%	BORROW	WASTE
-Y1- STA. 10+00.00	-Y1- STA. 22+29.73	1,581 CY	-	60 CY		1,521 CY
-L- STA. 10+01.61	-L- STA. 23+17.00	5,867 CY	3,861 CY	9,270 CY	3,403 CY	3,861 CY
SUBTOTALS:		7,448 CY	3,861 CY	9,330 CY	3,403 CY	5,382 CY
-Y2- STA. 10+50.00	-Y2 STA. 12+50.00	745 CY	-	137 CY		608 CY
-Y2- STA. 14+00.00	-Y2 STA. 16+16.57	642 CY	-	205 CY		437 CY
-ROUNDABOUT EARTHWORK-		711 CY	-	431 CY		280 CY
SUBTOTALS:		2,098 CY	-	773 CY		1,325 CY
-L- STA. 24+83.00	-L- STA. 36+13.00	2,411 CY	-	18,883 CY	16,472 CY	
-L- STA. 37+33.00	-L- STA. 50+36.00	8,886 CY	-	13,606 CY	4,720 CY	
SUBTOTALS:		11,297 CY	-	32,489 CY	21,191 CY	
-L- STA. 51+00.00	-L- STA. 51+72.00	135 CY	-	846 CY	711 CY	
-Y3- STA. 11+16.77	-Y3- STA. 17+75.00	165 CY	-	1,541 CY	1,376 CY	
SUBTOTALS:		300 CY	-	2,387 CY	2,087 CY	
TOTAL:		21,143 CY	3,861 CY	44,979 CY	26,681 CY	6,707 CY
MATERIAL FOR SHOULDER CONSTRUCTION:				3,220 CY	3,220 CY	
LOSS DUE TO CLEARING AND GRUBBING:		-2,442 CY	-		2,442 CY	
ADDITIONAL UNDERCUT:			1,000 CY	1,150 CY	1,150 CY	1,000 CY
WASTE IN LIEU OF BORROW				-	-2,846 CY	-2,846 CY
PROJECT TOTAL:		18,701 CY	4,861 CY	49,348 CY	30,647 CY	4,861 CY
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT:					1,532 CY	
GRAND TOTALS:		18,701 CY	4,861 CY	49,348 CY	32,179 CY	4,861 CY
SAY:		19,000 CY	5,000 CY		33,000 CY	

PAVEMENT STRUCTURE VOLUME = 6,810 CY

Note: Quantities are approximate only. The Resident Engineer will re-cross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD ²
-Y1-	14+43.14	17+01.63	CL	328
-Y1-	17+01.63	20+35.06	CL	334
-Y1-	16+64.32	17+32.42	CL	78*
-Y1-	15+72.52	17+00.91	LT	209
-Y2-	10+50.00	16+16.57	CL	1511
*EXISTING CONCRETE MEDIAN				
TOTAL:				2460 SY
SAY:				2500 SY

SUMMARY OF BREAKING EXISTING ASPHALT PAVEMENT

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD ²
-L-	24+32.25	24+79.25	CL	945
TOTAL:				945 SY
SAY:				950 SY

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