

12/06/07

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STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO.
 U-5888 3B-1

★ APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, CLEARING AND GRUBBING, AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING".

★ SUMMARY OF EARTHWORK
 IN CUBIC YARDS

STATION	STATION	UNCL. EXCAV.	EMBANK. +%	BORROW	WASTE
-RAB- 10+00.00	-RAB- 14+08.41	34	3,593	3,559	
-L1- 10+60.00	-L1- 15+20.00	315	988	673	
-L2- 16+75.00	-L2- 22+80.00	140	214	74	
-Y1- 10+44.00	-Y1- 11+20.00	22	18		4
-Y2- 14+78.00	-Y2- 15+58.00	2	66	64	
-Y2- 16+35.00	-Y2- 16+90.00	2	58	56	
-Y3- 11+50.00	-Y3- 12+35.00	2	30	28	
-Y4- 14+00.00	-Y4- 15+50.00	34	401	367	
-Y5- 10+00.00	-Y5- 15+75.00	789	3,658	2,869	
-Y6- 10+50.00	-Y6- 12+43.00	229	1,165	936	
-DR1- 10+25.00	-DR1- 12+92.37	147	274	127	
TOTALS:		1,716	10,465	8,753	4
WASTE IN LIEU OF BORROW				-4	-4
PROJECT TOTAL		1,716	10,465	8,749	
5% TO REPLACE TOP SOIL ON BORROW PIT				437	
GRAND TOTAL:		1,716		9,186	
SAY:		1,800		10,000	

ESTIMATED DRAINAGE DITCH EXCAVATION = 400 CY
 ESTIMATED UNDERCUT = 400 CY
 ESTIMATED SHALLOW UNDERCUT = 442 CY

Earthwork quantities are calculated by the Roadway Design Unit. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

★ PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD ²
-L1-	10+60.00	10+90.00	LT	3.30
-L1-	11+20.00	13+80.00	RT	195.23
-L1-	13+99.00	14+55.00	RT	140.47
-L2-	16+00.00	19+20.00	LT	691.49
-L2-	17+50.00	18+63.00	RT	84.42
-L2-	20+65.00	21+40.00	LT	4.53
-Y1-	10+44.00	11+25.00	RT	17.74
-Y1-	10+44.00	11+49.00	LT	26.50
-Y2-	14+78.00	15+57.00	LT	17.16
-Y2-	15+30.00	15+78.00	RT	5.31
-Y2-	16+63.00	16+90.00	LT	4.91
-Y4-	14+00.00	15+58.00	LT	42.60
-Y5-	10+60.00	13+39.00	RT	703.46
-Y6-	10+50.00	11+80.00	CL	373.02
-DR1-	10+57.00	11+88.00	LT	75.88
TOTAL:				2386.02
SAY:				2500

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