

**STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS**

**SUMMARY OF EARTHWORK
 IN CUBIC YARDS**

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
Stage 1					
-L- 14+50.00	-L- 26+50.00 (*SEE NOTE)	2440	15343	12954	51
-DR2- 10+12.00	-DR2- 11+00.00	4	13	9	
-DR3- 10+00.00	-DR3- 12+00.40	19	78	59	
Stage 2					
-L- 11+80.00	-L- 29+00.00	3625	3083		542
-DR1- 10+40.00	-DR1- 11+50.52	46			46
SUBTOTALS:		6134	18517	13022	639
SUBTOTALS:					
PROJECT TOTALS:		6134	18517	13022	639
LOSS DUE TO CLEARING & GRUBBING		-680		680	
WASTE IN LIEU OF BORROW				-586	-586
PROJECT TOTALS:		5454	18517	13116	53
5% TO REPLACE TOP SOIL ON BORROW PIT				656	
GRAND TOTALS:		5454		13772	
SAY:		5500		13800	

Note: 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.

Note: 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.

* UNCLASSIFIED EXCAVATION - ACCEPTABLE, BUT NOT TO BE USED IN TOP 3' OF EMBANKMENT OR BACKFILL -L- 13+75.00 TO 15+75.00 (50 CY)

PAVEMENT STRUCTURE VOLUME = 700 CUBIC YARDS
 EST. DDE =50 CUBIC YARDS
 TOTAL SHALLOW UNDERCUT = 100 CUBIC YARDS
 SELECT GRANULAR MATERIAL = 200 CUBIC YARDS
 PER GEOTECH RECOMMENDATION, ESTIMATED 850 CUBIC YARDS OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.