

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK IN CUBIC YARDS

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
-L- 15+50.00	-L- 48+43.79 (EX. BRG)	7304	5189		2115
-DRV1- 10+13.40	-DRV1- 10+95.00	29	8		21
-Y1REV- 11+15.00	-Y1REV- 13+50.57	95	457	362	
-Y1A- 10+20.00	-Y1A- 11+26.58	18	268	250	
SUBTOTALS:		7446	5922	612	2136
-L- 49+79.16 (EX BRG)	-L- 80+00.00	2011	11965	9954	
-Y2- 10+18.01	-Y2- 11+00.00	153	2		151
SUBTOTALS:		2164	11967	9954	151
-L- 80+00.00	-L- 110+00.00	25626	15568		10058
-Y2A- 10+12.01	-Y2A- 11+40.00	2095	48		2047
-Y2A- 11+59.05	-Y2A- 11+85.00	247			247
-Y3- 10+12.00	-Y3- 10+45.00	12			12
-DRV2- 10+12.00	-DRV2- 10+70.46	41			41
SUBTOTALS:		28021	15616		12405
-L- 110+00.00	-L- 140+00.00	20962	16693		4269
-Y3A- 10+12.00	-Y3A- 11+26.5	35	680	645	
SUBTOTALS:		20997	17372	645	4269
-DET2-, -L- STA. 161+15.50	-DET2-, -L- STA. 172+94.89	42	6239	6197	
-L- 140+00.00	-L- 170+00.00	5683	2784		2899
-DRV4- 10+12.00	-DRV4- 10+83.00	12	46	34	
SUBTOTALS:		5737	9069	6231	2899
-L- 170+00.00	-L- 200+00.00	11612	10705		907
-Y3B- 10+12.00	-Y3B- 10+79.19	28	8		20
-DRV3- 10+20.01	-DRV3- 10+30.00	12			6
SUBTOTALS:		11652	10713		938
-L- 200+00.00	-L- 214+50.00	510	3957	3447	
-Y3C- 10+12.00	-Y3C- 10+60.00	21			21
-Y3C- 12+06.48	-Y3C- 12+30.00	18			18
-Y4- 10+19.50	-Y4- 11+85.00	71	69		2
SUBTOTALS:		620	4026	3447	41
PROJECT TOTALS:		76637	75574	20888	22839
SHOULDER MATERIAL			6555	6555	
LOSS DUE TO CLEARING & GRUBBING		-2000		2000	
WASTE IN LIEU OF BORROW				-22839	-22839
PROJECT TOTALS:		74637	82129	6603	
EST 5% TO REPLACE TOP SOIL ON BORROW PIT				330	
GRAND TOTALS:		74637		6933	
SAY:		75000		7000	
EST. DDE = 503 CUBIC YARDS					
-L- AND -Y2A- PAVEMENT STRUCTURE VOLUME = 4776 CY					

CONTINGENCY ITEMS: GEOTECHNICAL REPORT - DESIGN AND CONSTRUCTION RECOMMENDATIONS DATED: OCTOBER 13, 2015
 EST. UNDERCUT = 200 CY
 EST. SELECT GRANULAR MATERIAL = 200 CY

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.
 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.