

DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA  
**SUMMARY OF EARTHWORK**  
 IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
-L- STA 10+05 TO 28+00	212,217		5,641		206,576
SUBTOTAL #1	212,217		5,641		206,576
-L- STA 28+00 TO 52+00	180,511		111,446		69,065
-DET2- STA 11+75 TO 16+00	7		15,579	15,572	
SUBTOTAL #2	180,518		127,025	15,572	69,065
-L- STA 52+00 TO 77+00	109,037		61,399		47,638
-DET1- STA 11+15 TO 21+45	88,869		1,046		87,823
-Y2- STA 9+89.10 TO 13+55	12,018				12,018
-DR1- STA 10+75 TO 12+75	20		366	346	
SUBTOTAL #3	209,944		62,810	346	147,479
<b>TOTAL</b>	<b>602,679</b>		<b>195,477</b>	<b>15,918</b>	<b>423,120</b>
LOSS DUE TO CLEARING & GRUBBING	-8,000				-8,000
ADJUST FOR CLASS VI SELECT MATERIAL			-4,530	-4,530	
ROCK WASTE TO REPLACE BORROW				-7,922	-7,922
ADJUST FOR ROCK SWELL			-1,981	-1,981	
ADJUST FOR SHRINKAGE			-1,486	-1,486	
ADJUST FOR ROCK WASTE SWELL					31,034
ADJUST FOR UNCOMPACTED ROCK WASTE					23,275
<b>PROJECT TOTAL</b>	<b>594,679</b>		<b>187,480</b>	<b>0</b>	<b>461,507</b>
<b>GRAND TOTAL</b>	<b>594,679</b>		<b>187,480</b>	<b>0</b>	<b>461,507</b>
SAY	595,000				

DDE (CY) = 770  
 SHOULDER BORROW (CY) = 3750  
 UNDERCUT (CY) = 5000  
 CLASS IV SUBGRADE STABILIZATION (TONS) = 3000  
 PAVEMENT STRUCUTRE VOLUME (CY) = 6600

NOTE: These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

5/9/06

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