

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

LOCATION		UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT + %	BORROW	TOTAL WASTE
STATION	STATION					
<b>SUMMARY TOTALS</b>		24916	11050	1239554	1215268	11680
WASTE IN LIEU OF BORROW					-80	-80
UNDERCUT CONTINGENCY			3500	4375	4375	3500
GRADEPOINT UNDERCUT			500	625	625	500
SHOULDER MATERIAL				46250	46250	
SELECT GRANULAR MAT'L USED TO BACKFILL UNDERCUT				-18813	-18813	
CLASS IV AGGREGATE STABILIZATION IN LIEU OF BORROW				-26905	-26905	
<b>PROJECT TOTALS</b>		24916	15050	1245086	1220720	15600
+5% TO REPLACE TOPSOIL IN BORROW PIT					61036	
<b>GRAND TOTALS</b>		24916	15050	1245086	1281756	15600
<b>SAY</b>		25500	15050		1300000	

EST. DDE = 23722 CY  
 EST. SELECT GRANULAR MATERIAL = 45350 CY  
 EST. GEOTEXTILE FOR SOIL STABILIZATION = 31350 SY  
 EST. GEOTEXTILE FOR EMBANKMENT STABILIZATION = 16000 SY  
 EST. SHALLOW UNDERCUT = 1000 CY  
 EST. CLASS IV SUBGRADE STABILIZATION = 1900 TONS  
 EST. CLASS IV AGGREGATE STABILIZATION = 57200 TONS  
 -L- PAVEMENT STRUCTURE VOLUME = 89400 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."

6/4/99

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