

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK IN CUBIC YARDS

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
SUMMARY NO. 1					
-L- 13+75.00	-L- 15+60.75 (BB)	48	324	276	
SUMMARY NO. 1 TOTAL					
		48	324	276	
SUMMARY NO. 2					
-L- 17+88.25 (EB)	-L- 20+00.00	66	104	38	
SUMMARY NO. 2 TOTAL					
		66	104	38	
SUMMARY TOTALS:					
		114	428	314	
PROJECT TOTALS:					
		114	428	314	
EST 5% TO REPLACE TOP SOIL ON BORROW PIT					
				16	
GRAND TOTALS:					
		114	428	330	
SAY:					
		150		375	
EST. UNDERCUT CONTINGENCY = 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: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, and Removal of Asphalt Pavement will be paid for at the contract lump sum price for grading.

GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS				IMPACT ATTENUATOR TYPE 350		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS			
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GRAU 350	TYPE III	G	NG									
-L-	14+85.75	15+60.75	LT	75				15+60.75	4.25	9		56.25		1.125													
-L-	17+88.25	18+63.25	LT	75				17+88.25	4.25	9	56.25		1.125														
-L-	14+85.75	15+60.75	RT	75				15+60.75	4.25	9	56.25		1.125														
-L-	17+88.25	18+63.25	RT	75				17+88.25	4.25	9		56.25		1.125													
SUB-TOTAL				300																							
LESS DEDUCTIONS FOR ANCHORS																											
GRAU-350 4 @ 50 =				-200																							
TYPE III 4 @ 18.75 =				-75																							
ADDITIONAL GUARDRAIL POSTS = 5 EA.				25																							
PROJECT TOTAL				50																							
SAY				50																							

SHOULDER BERM GUTTER SUMMARY

LINE	Station	Station	LENGTH
-L- LT.	15+37.00	15+49.75	12.75
-L- RT.	15+37.00	15+49.75	12.75
-L- LT.	17+99.25	18+12.00	12.75
-L- RT.	17+99.25	18+12.00	12.75
TOTAL:			51.00
SAY:			55

PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP	CONCRETE REMOVAL	CONCRETE BREAKUP
-L-	13+75	15+70	CL	429.97			
-L-	17+80	20+00	CL	475.78			
TOTAL:				905.75			
SAY:				925			