

5/28/96

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK
IN CUBIC YARDS

CHAIN	BEGINNING STATION	ENDING STATION	UNCL. EXCA. C.Y.	UNDERCUT C.Y.	EMBANK. +% C.Y.	BORROW C.Y.	WASTE C.Y.
SUMMARY 1							
-L-	10+20.00	13+04.9	2		339	337	
-L-	13+62.17	16+80.00	3		554	551	
SUBTOTAL			5		893	888	
SHEET TOTALS			5		893	888	
PROJECT TOTAL			5		893	888	
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT						44	
GRAND TOTAL			5			932	
SAY			10			940	
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, Shoulder Borrow, Fine Grading, Clearing and Grubbing, Breaking of Existing Pavement, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."							

SHOULDER BERM GUTTER SUMMARY
IN LINEAR FEET

LOCATION	SIDE	BEG. STA.	END STA.	LENGTH
-L-	LT	12+82.36	12+97.36	15.0
-L-	RT	12+75.58	12+90.58	15.0
TOTAL				30.0
SAY				30

ASPHALT PAVEMENT REMOVAL
IN SQUARE YARDS

LINE	STATION	STATION	LOCATION	LENGTH OR AREA	WIDTH	SQUARE YARDS
-L-	11+75	15+25	LT/RT	6142.39		682.49
TOTAL						682.49
SAY						690

GUARDRAIL SUMMARY
IN LINEAR FEET

ALN.	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHORS					IMPACT ATTENUATOR TYPE 350		REMOVE EXISTING GR	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPR. END	TRAIL. END			APPROACH END	TRAILING END	APPR. END	TRAIL. END	TYPE-III	TYPE-III SC	GREU TL-3	GREU TL-2	AT-1	G	NG		
-L-	12+15.11	13+08.86	LT	93.75											1		1						
-L-	12+07.07	13+00.82	RT	93.75											1		1						
-L-	13+66.19	14+59.94	LT	93.75											1		1						
-L-	13+58.15	14+51.90	RT	93.75											1		1						
SUBTOTAL:				375.00											4	0	4	0	0				
ANCHOR UNIT DEDUCTIONS:																							
Type-III @ 18.75' Each				-75.00																			
TL-3 @ 50' Each				-200.00																			
LESS GUARDRAIL DEDUCTIONS:				100.00																			
PROJECT TOTAL:				100.00	0.00																		
SAY:				112.5	0.0										4	0	4	0	0				
"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT. FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL W = TOTAL WIDTH OF FLARE FROM BEGIN																							



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