

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK
IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	EMBT + %	BORROW	WASTE
REMOVE EXISTING DRAINAGE STRUCTURES -L- 275+80 to -L- 279+00	24	180	180	
SUBTOTAL		180	180	
SAY	24	200	200	

GUARDRAIL SUMMARY

SURVEY LINE	BEG. STATION	END STATION	LOCATION	LENGTH		ANCHORS				REMOVE EXISTING GUARDRAIL	REMARKS	
				STRAIGHT	SHOP CURVED	TYPE 350	CAT-1	B-77	M-350			
L	210+00	275+70	LT.							6570	REMOVE	
L	210+00	279+00	RT.							6900	REMOVE	
L	275+70	279+00	LT	330			1			330	REMOVE & REPLACE AT EXISTING LOCATION	
L	275+80	279+00	RT.	320				1			TIE FROM CMB TO EXISTING GUARDRAIL	
				SUBTOTAL		650		1	1		13800	
				ANCHOR DEDUCTIONS								
				CAT-1 (1 x 6.25')		-6.25						
				B-77 (1 x 22.88')		-22.88						
				TOTAL		620.87		1	1		13800	
				SAY		630		1	1		13850	

SUMMARY OF ASPHALT PAVEMENT REMOVAL
IN SQUARE YARDS

LINE	STA TO STA	LOCATION	SQ. YDS.
L	210+00 TO 275+80	MEDIAN	9504
			TOTAL
			SAY
			9504
			9510

SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION

SURVEY LINE	BEG. STATION	END STATION	AGGREGATE TYPE ASU/AST	AGGREGATE THICKNESS (INCHES)	SHALLOW UNDERCUT (CUBIC YARDS)	CLASS IV SUBGRADE STABILIZATION (TONS)	GEOTEXTILE FOR SOIL STABILIZATION (SQ. YARDS)	STABILIZER AGGREGATE (TONS)	CLASS IV AGGREGATE STABILIZATION (TONS)
L	210+00	275+80	ASU		5650	11450	9510		
TOTALS					5650	11450	9510		

*ASU = AGGREGATE SUBGRADE
*AST = AGGREGATE STABILIZATION
**TOTAL SQUARE YARDS OF "GEOTEXTILE FOR SOIL STABILIZATION" IS ONLY THE ESTIMATED QUANTITY FOR ASU/AST AND MAY ONLY REPRESENT A PORTION OF THE GEOTEXTILE QUANTITY SHOWN IN THE ITEM SHEETS OF THE PROPOSAL
NOTE: UNDERCUT QUANTITY APPROXIMATES 1' DEPTH OF MATERIAL REMOVAL BELOW EXISTING DITCH LINE

CONCRETE BARRIER WALL SUMMARY

SURVEY LINE	BEG. STATION	END STATION	LOCATION	TRANSITION SECTION (EA)	LENGTH
					DOUBLE FACED
L	210+00	214+36	CL		436
L	214+36	216+86	LT	1	
L	214+36	216+86	RT	1	
L	216+86	238+37	CL		2151
L	238+37	240+87	LT	1	
L	238+37	240+87	RT	1	
L	240+87	255+40	CL		1453
L	255+40	258+85	LT	1	
L	255+40	258+85	RT	1	
L	258+85	275+80	CL		1695
SUBTOTAL					
SAY					6
					5735

SHOULDER DRAIN SUMMARY

SURVEY LINE	STA. TO STA.	LOCATION	4" PERFOR. PIPE (FT.)	SHOULDER DRAINS (FT)	OUTLET		CONCRETE PAD
					4" PIPE (FT.)	OUTLET STRUCTURE	
-L-	220+00 TO 228+00	MEDIAN	800	800	24	DI	
-L-	272+00 TO 275+80	MEDIAN	380	380	24	DI	
TOTALS			1180	1180	48		
SAY			1180	1180	50		

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