COMPUTED BY: DBG	DATE: 5-2023
CHECKED BY: DLW	DATE: 5-2023

5/28/99

PLANS PREPARED BY :
PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
NC LICENSE NO. F-0246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

PROJECT REFERENCE NO.	SHEET NO.
U-6011	3B-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV. Cubic Yards	UNDERCUT Cubic Yards	EMBANK. Cubic Yards	BORROW Cubic Yards	WASTE Cubic Yards
-L- 10+00.00	-L- 20+00.00	347		410	63	
-Y1- 15+36.90	-Y1- 19+37.03	172		264	92	
-Y1- 20+16.24	-Y1- 27+32.93	218		606	388	
SUBTOTALS:		737		1,280	543	
PROJECT TOTALS:		737		1,280	543	
WASTE IN LIEU OF BORROW						
PROJECT TOTAL		737		1,280	543	
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT					27	
GRAND TOTALS:		737		1,280	570	
SAY:		750			580	

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY ROADWAY DESIGNER. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.

Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Removal of Existing Asphalt Pavement, and Clearing and Grubbing will be paid for at the contract lump sum price for "Grading."

ASPHALT PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD^2
-Y1-	22+84	23+13	RT	2.20
-Y1-	23+36	23+90	RT	47.50
-Y1-	24+11	24+41	LT	37.95
-Y1-	24+43	24+68	LT	18.69
			TOTAL:	106.34
			SAY:	110

W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL. "N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.
G = GATING IMPACT ATTENUATOR TYPE 350 TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
NG = NON-GATING IMPACT ATTENUATOR TYPE 350 FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.

GUARDRAIL SUMMARY

SURVEY LINE	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 TL-2			EXTRA LENGTH GUARDRAIL POSTS	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GREU TL-2	GREU TL-3	III	CAT-1	VI MOD	BIC	AT-1	TES	EA	G	NG				
-L-	10+23.99	12+05.24	RT	181.25			11+04.29		2.5	4	50		1					1		1										
-Y1-	16+74.50	18+05.75	RT	131.25			17+14.17		2.5	4	25		1				1			1								17			8' STEEL POSTS
TOTAL				312.50													1	1		2								17			
		DEDUCT FOR ANCHOR UNITS																													
		GRAU CAT-1 2 @ 6.25' =		-12.50																											
		GREU TL-2 1 @ 25' =		-25																											
		GREU TL-3 1 @ 50' =		-50																											
SAY				225			5 EA ADDITIONAL GUARDRAIL POSTS										1	1		2								17			

15-JAN-2025 12:02
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