

6/21/02

COMPUTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_  
 WBS No. 38224 3 B

**GUARDRAIL SUMMARY**

SURVEY LINE	BEG. STATION	END STATION	LOCATION	LENGTH		ANCHORS															
				STRAIGHT	SHOP CURVED	TYPE 350	B-77	AT-1													
-L-	25+20+/-	26+85 +/-	LT	165		2															
-L-	25+20+/-	26+85 +/-	RT	165		2															
-L-	33+48 +/-	34+89 +/-	LT	141		1	1														
-L-	35+15 +/-	37+99 +/-	LT	284		1	1														
-L-	32+04 +/-	34+88 +/-	RT	284		1	1														
-L-	35+15 +/-	36+56 +/-	RT	141		1	1														
-L-	125+00 +/-	127+51 +/-	LT	230	30	1		1													
-L-	124+90 +/-	126+46 +/-	RT	132	24	1		1													
			SUBTOTALS:	1542	54	10	4	2													
	LESS ANCHOR DEDUCTIONS:	GRAU 350:	10 @50'	500																	
		B-77	4 @18.75'	75																	
		AT-1	2 @6.25'	12.5																	
		ANCHOR TOTALS:		587.5	54																
		GRAND TOTALS:		954.5																	
		SAY:		962.5	62.5	10	4	2													

Additional Guardrail Posts: 5 EA

**SUMMARY OF EARTHWORK**  
 IN CUBIC YARDS

SURVEY LINE	STATION	STATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT +/-	BORROW	WASTE
-L-	10+19.25	35+00	263		680	417	
-L-	35+00	50+00	145		861	716	
-L-	50+00	125+00	412		698	286	
-L-	125+00	148+00	307		778	471	
-L-	148+00	178+50	509		1031	522	
-L-	178+50	191+00	123		139	16	
	SUBTOTAL		1759		4187	2428	
PROJECT TOTALS			1759			2428	
EST. 5% FOR REPLACING TOPSOIL ON BORROW PITS						121	
GRAND TOTAL			1759			2549	
SAY			1800			2600	