

5/28/99

COMPUTED BY:	ZHW	DATE:	02-11-2022
CHECKED BY:	WCB	DATE:	02-11-2022

PROJECT REFERENCE NO.	W-5701B
SHEET NO.	3B-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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		REMOVE EXISTING GUARDRAIL	REMARKS		
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPR. END	TRAIL. END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GREU TL-3	GREU TL-2	TYPE III	CAT-1	AT-1	B-77	G	NG				
Y1	12+56.60	13+77.97	RT	25	125																				134.3	
L	48+25.13	50+61.56	LT	175	87.5																				241.5	
SHEET 1 TOTALS				200.00	212.5																				375.7	
LESS ANCHOR DEDUCTIONS																										
			QUANTITY	LF PER EA	TOTAL LF																					
			GREU TL-3	50																						
			CAT-1	6.25																						
			AT-1	6.25																						
			GREU TL-2	1	25	25.00																				
			B-77	22.875																						
TOTAL GUARDRAIL (LF)					175.00	212.50																			375.7	
SAY (LF)					175.00	212.50																			380.00	

SUMMARY OF EARTHWORK IN CUBIC YARDS

Station	Station	Uncl. Excav.	Undercut	Embank.	Borrow	Waste
-L- 26+50.00	51+00.00	994	340	4,878	3,884	340
-L- 159+00.00	198+50.00	2,242		5,300	3,058	
-Y1- 8+93.00	13+65.00	21				21
SUBTOTALS:		3,257	340	10,177	6,942	361
ADDITIONAL UNDERCUT			500	625	625	500
UNSUITABLE MATERIAL		30				30
SELECT GRANULAR MATERIAL IN LIEU OF BORROW				-925	-925	
WASTE IN LIEU OF BORROW					-21	-21
PROJECT TOTALS:		3,287	840	9,877	6,621	870
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT					331	
GRAND TOTALS:		3,287	840	9,877	6,952	870
SAY:		3,300	840		7,000	

ASPHALT PAVEMENT REMOVAL

LINE	STATION	STATION	LOCATION	LENGTH OR AREA	WIDTH	SQUARE YARDS
L-LT	48+00	50+50		1845.26		205.03
L-LT	195+65	197+92		935.35		103.93
L-RT	29+27	31+50		831.00		92.33
L-RT	162+00	175+00		1927.59		214.18
					TOTAL	615.47
					SAY	620

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