

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS



"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 BEGINNING OF TAPER TO END OF GUARDRAIL.  
 G = GATING GUARDRAIL END UNIT, TYPE TL-3  
 NG = NON-GATING GUARDRAIL END UNIT, TYPE TL-3

**GUARDRAIL SUMMARY**

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS				IMPACT ATTENUATOR TYPE TL-3			TERMINAL SECTIONS	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	GREU TL-3	TEMP GREU TL-3	TYPE III	TEMP TYPE III	EA	G	NG					
-L-	12+44.25	21+88.00	LT	943.75				21+88.00	8'	11'	50		1		1											
-L-	18+81.75	21+88.00	RT	306.25			21+88.00		8'	11'	50		1		1											
-L-	23+93.00	26+74.25	LT	281.25			23+93.00		8'	11'	50		1		1											
-L-	23+93.00	25+36.75	RT	143.75				23+93.00	8'	11'		50		1	1											
-L-	19+23	21+72	RT																						249	
-L-	23+73	26+47	RT																						274	
			SUBTOTAL	1675.00											4		4								523	
			LESS ANCHOR DEDUCTIONS																							
			GREU TL-3	4 @ 50'	=																					
			TYPE III	4 @ 18.75'	=																					
			TOTAL	1400.00											4		4								530	
			SAY	1400																						

ADDITIONAL GUARDRAIL POSTS = 5 EA

**TEMPORARY GUARDRAIL SUMMARY**

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH	WARRANT POINT		ANCHORS	
					APPROACH END	TRAILING END	TEMP GREU TL-3	TEMP TYPE III
-L-	18+77.00	21+98.50	LT	321.50	21+15.00	21+98.50	1	1
			SUBTOTAL	321.50			1	1
			LESS ANCHOR DEDUCTIONS					
			GREU TL-3	1 @ 50'	=	50.00		
			TYPE III	1 @ 18.75'	=	18.75		
			TOTAL	252.75			1	1
			SAY	253				

**SHOULDER BERM GUTTER SUMMARY**

LINE	STATION TO STATION	LOCATION	LENGTH (LF)
-L-	21+60.00 TO 21+73.83	LT	13.8
-L-	21+60.00 TO 21+73.83	RT	13.8
-L-	24+07.17 TO 24+20.00	LT	12.8
-L-	24+07.17 TO 24+20.00	RT	12.8
TOTAL			53.3
SAY			60

**PAVEMENT REMOVAL SUMMARY**

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	SY
-L-	16+00	21+98	RT	1424
-L-	23+73	29+00	RT	1235
			TOTAL	2659
			SAY	2700

REVISIONS