

5/28/99

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 IMPACT ATTENUATOR TYPE 350  
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

**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			SINGLE FACED GUARDRAIL	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	GREU TL-2	GREU TL-3	B-77	XIII	CAT-1	VI MOD	BIC	AT-1	EA					G	NG				
-L-	18+93.00	21+50.00	LT	250			18+93.00		2.5'	10'	50'		1'																					LOCATED AT FACE OF CURB
-L-	29+99.00	31+55.00	RT	156.25			29+99.00		12'	14'	50'		1'																				LOCATED 12' FROM FACE OF CURB	
-L-	44+42.00	47+49.00	LT	312.50			44+42.00		2.5'	10'	50'		1'																				LOCATED AT FACE OF CURB	
-L-	52+93.75	54+72.00	LT	181.25			54+50.00		2.5'	13'	50'		1'																				LOCATED AT FACE OF CURB	
-L-	53+64.00	55+01.75	RT	143.75			53+70.00		2.5'	13'	50'		1'																				LOCATED AT FACE OF CURB	
-L-	56+35.00	59+06.25	RT	275			56+40.00		2.5'	13'	50'		1'																				LOCATED AT FACE OF CURB	
-L-	99+09.00	101+06.00	RT	187.50	75		100+08.65		2.5'	6'	50'		1'																				LOCATED AT FACE OF CURB	
SUBTOTAL				1506.25	75																													
LESS DEDUCTIONS FOR ANCHORS																																		
7 GREU TL-3				-350																														
7 CAT-1				-43.75																														
TOTALS				1112.50	75																													

**SUMMARY OF ASPHALT PAVEMENT REMOVAL**

LOCATION	AREA (SQYD)
-L- STA. 17+28.00 TO 20+30.00	322.28
-L- STA. 19+62.00 TO 25+40.00	226.30
-L- STA. 34+50.00 TO 41+25.00	1914.08
-L- STA. 43+16.00 TO 47+06.00	816.84
-L- STA. 43+16.00 TO 49+99.00	630.90
-L- STA. 49+99.00 TO 52+00.00	654.61
-L- STA. 50+52.00 TO 54+19.00	375.88
-L- STA. 60+66.00 TO 62+85.00	103.00
-L- STA. 68+71.00 TO 75+21.00	835.76
-L- STA. 77+82.00 TO 85+17.00	933.13
-L- STA. 90+40.00 TO 93+44.00	416.03
-L- STA. 17+18.50 TO 21+38.32	261.94
-L- STA. 47+76.15 TO 50+77.61	398.13
-L- STA. 57+04.00 TO 62+85.90	608.14
-L- STA. 66+17.92 TO 68+27.40	97.44
-Y11A- STA. 10+28.00 TO 10+97.00	104.90
TOTAL	8699.36
SAY	8700

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