

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

GUARDRAIL SUMMARY

"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 BEGIN

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

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH (FT)			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS				IMPACT ATTENUATOR TYPE TL-3		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS	
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GREU TL-2	GREU TL-3	AT-1	CAT-1	G	NG					
-L-	50+50.00	51+50.00	LT	100.00			50+50.00		10	13	50.00		1									18		TIE TO EXISTING AT TRAILING END	
-L-	51+84.00	53+58.00	RT	125.00	75.00		51+84.00	53+53.33	10	13							1	1							
-L-	60+82.00	67+50.00	RT	662.50	50.00		62+00.00	67+43.75	10	13							1	1				640			
-L-	62+00.00	65+00.00	LT	306.25			66+00.00	62+06.24	10	13	50.00		1				1		1			510			
-L-	87+94.00	96+00.00	LT	743.75	100.00		95+00.00	87+99.41	10	13	50.00		1				1		1			499			
-L-	95+20.00	98+05.00	RT	300.00	25.00		95+50.00	97+70.00	10	13							1	1				289			
-L-	108+00.00	111+69.00	RT	318.75	100.00		107+00.00	111+64.16	10	13	50.00		1				1		1			427			
-L-	109+52.00	112+50.00	LT	281.25	50.00		111+50.00	109+56.07	6	9	50.00		1				1		1			364			
-L-	167+12.00	172+08.00	LT	462.50	62.50		173+08.00	167+17.21	2	N/A							1		1					AT FACE OF CURB	
-L-	169+52.00	171+08.00	RT	156.25			168+52.00	171+02.63	10	13	50.00		1				1		1			364			
-L-	176+50.00	188+63.29	RT	1062.50	75.00		177+50.00		10	13	50.00		1				1					1254		TIE TO EXISTING AT TRAILING END	
-L-	178+84.00	183+95.00	LT	450.00	187.50																	1150			
-L-	186+08.00	188+63.29	LT	268.75			187+63.29	186+13.29	10	13	50.00		1				1		1						
-Y10-	11+55.00	13+88.00	LT	256.25			13+88.00	11+60.00	14	N/A							1		1						
-Y10-	13+18.00	17+78.00	RT	462.50				17+78.00	10	13							1								
-Y11-	10+91.00	12+27.00	LT	137.50			11+27.00		10	13	25.00		1												
-L-	100+00.00	107+50.00	LT																1		750				
DEDUCTION FOR ANCHORS:																									
TYPE				QTY	LT/EA																				
GREU TL-3				8.00	50.00	-400.00																			
GREU TL-2				3.00	25.00	-75.00																			
CAT-1				11.00	6.25	-68.75																			
AT-1				4.00	6.25	-25.00																			
PROJECT TOTAL				5525.00	725.00										3	8	4	11		1	750	5515			
SAY				5,550	750																				
ADDITIONAL GUARDRAIL POSTS					10 EA																				

5/9/2023
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