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COMPUTED BY: C. JACKSON DATE: 7/30/2020
CHECKED BY: B. LUSK DATE: 7/30/2020

PROJECT REFERENCE NO.	SHEET NO.
48793.3.1	3B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF ROADWAY QUANTITIES

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 BEGINNING OF TAPER TO END OF GUARDRAIL

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

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 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	XI MOD	XI	GREU TL 3	M-350	TYPE B-77	TYPE III	CAT-1	AT-1		G	NG				
L_SB	108+94.66	112+82.16	LT	387.50					8	4' BERM										1	1								
L_SB	125+00.16	127+56.16	LT	256.00			125+00.16		8	11		50		1			1			1									
L_SB	128+92.55	132+11.30	LT	318.75					8	11	50		1				1				1								
L_SB	132+56.25	137+00.00	LT	443.75					8	11	93		1.86								1								TIE TO EXISTING GUARDRAIL
L_NB	110+32.15	112+63.40	RT	231.25			112+63.40		8	11							1			1									
L_NB	124+81.40	132+00.00	RT	718.60					8	11		323.5		6.47															
																				1									TIE TO EXISTING GUARDRAIL
	REMOVAL OF EXISTING GUARDRAIL																												
L_SB	108+56.71	112+90.93	LT																								434.22		
L_SB	111+51.63	112+92.18	RT																								140.55		
L_NB	111+28.14	112+86.40	LT																								158.26		
L_NB	110+32.11	112+86.40	RT																								254.29		
L_SB	124+48.23	132+20.39	LT																								772.16		
L_SB	124+50.65	125+29.87	RT																								79.22		
L_SB	132+63.87	137+00.00	LT																								436.13		
L_NB	124+70.02	125+82.18	LT																								112.16		
L_NB	124+67.15	132+00.00	LT																								732.85		
			SUBTOTAL	2355.85	0.00	0.00									0.00	0.00	3.00	0.00	0.00	4.00	3.00	0.00	0.00	0.00	0.00	0.00	3119.84	0.00	