COMPUTED BY:	DM	DATE:	3/10/2022
CHECKED BY:	CA	DATE:	3/17/2022

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
I-5987A	3B-5

"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

GUARDRAIL SUMMARY

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		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUIDERAIL	REMOVE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	Type III	B-77	GREU, TL-3	GREU, TL-2	CAT-1	AT-1	Type III SC	B-77 SC		G	NG				
-Y1RPB-	14+08.57	14+95.48	LT	86.91			14+08.57		14	17	50		1			1	1												
-L-	93+69.57	94+54.94	RT	85.37			94+54.94	97+73.64	12	15	50		1			1	1												
-L-	94+54.94	97+73.64	RT				94+54.95	97+73.64	12																	318.7			BARRIER FOR EXISTING RETAINING WALL
-L-	95+73.21	98+65.35	LT				98+65.35	95+73.21	12																	292.14			BARRIER FOR EXISTING RETAINING WALL
-L-	98+65.35	99+50.72	LT	85.37			98+65.35	95+73.21	12	15	50		1			1	1												
-Y1RPD-	10+00.00	13+94.22	LT	394.22					14	17	50		1				1												BOX CULVERT
-L-	107+88.40	112+55.77	RT	467.37			111+87.12	111+95.59	14	17									1										
-Y1RPA-	10+00.00	15+17.01	RT	517.01					14	17									1										BOX CULVERT
-L-	109+94.04	114+36.82	LT	442.78			110+62.97	110+54.50	14	17	50		1				1												BOX CULVERT
-L-	111+76.69	112+32.07	CL																									111.82	
-L-	114+32.74	121+15.54	CL																								682.82		CABLE RAIL
-L-	121+97.43	125+28.91	CL																								331.51		CABLE RAIL
-L-	124+92.90	180+76.55	CL																									5589.12	
-L-	127+25.06	181+70.52	CL																									5440.89	
-L-	128+65.50	131+84.25	RT	318.75			131+50.00		14	17	50		1				1		1										ITS SUPPORT
-L-	134+63.75	137+82.50	LT	318.75			135+00.00		14	17	50		1				1		1										SIGN SUPPORT
-L-	161+63.75	164+82.50	LT	318.75			162+00.00		14	17	50		1				1		1										SIGN SUPPORT
-L-	169+17.62	172+36.08	RT	318.46			172+00.00		17	17	50		1				1		1										SIGN SUPPORT
-L-	180+36.48	207+70.93	CL																								2804.04		CABLE RAIL
-L-	181+42.76	189+16.53	RT	773.77			183+47.00		14	17	50		1				1		1										ITS SUPPORT
-L-	190+66.26	193+85.00	LT	318.74			191+00.00		14	17	50		1				1		1										ITS SUPPORT
-L-	197+32.35	199+45.92	RT																									213.62	
-L-	203+14.53	209+24.91	RT	610.38			206+00.01	208+90.00	14	17	50		1			1	1												SIGN SUPPORT AND RETAINING WALL
-L-	207+80.00	211+20.00	CL																									714.06	Y2 EXISTING BRIDGE PROTECTION BELOW
-L-	209+24.91	211+09.91	RT				208+90.00	211+25.00	14																	185			BARRIER FOR RETAINING WALL
-L-	209+01.10	211+01.10	LT				211+20.00	208+85.00	14																	200			BARRIER FOR RETAINING WALL
-L-	211+44.14	220+45.54	CL																								902.37		CABLE RAIL
-L-	211+01.10	211+86.47	LT	85.37			215+00.00		14	17	50		1			1	1												
-WSRPD-	10+00.00	12+88.51	RT	288.51					14	17	50		1				1												SIGN SUPPORT AND RETAINING WALL
-L-	220+69.62	263+74.11	CL																									4305.65	
-L-	221+78.77	264+67.03	CL																									4288.23	
-L-	241+84.99	246+43.48	RT	458.49			242+20.51	246+00.01	14	17									1										BOX CULVERT AND SIGN SUPPORT
-L-	243+20.83	246+64.57	LT	343.74			243+51.68		14	17	50		1				1		1										BOX CULVERT
-L-	251+63.75	254+82.49	LT	318.74			252+00.00		14	17	50		1				1		1										SIGN SUPPORT
-L-	263+50.62	278+98.33	CL																								1547.98		CABLE RAIL
-L-	268+57.23	269+91.34	RT	134.11			271+50.00		14	17	50		1				1												SIGN SUPPORT
-Y1ARPC-	10+00.00	12+48.70	RT	248.7			11+60.00												1										SIGN SUPPORT
-L-	279+50.00	282+60.00	CL																									725.21	Y1A EXISTING BRIDGE PROTECTION BELOW
-Y1ARPB-	18+51.04	22+59.81	RT/LT																									963.58	Y1A EXISTING BRIDGE PROTECTION ABOVE
-Y1ARPC-	22+36.35	26+37.57	RT/LT																									844.27	Y1A EXISTING BRIDGE PROTECTION ABOVE
-L-	283+71.75	340+00.00	RT																								5792.69		CABLE RAIL
-L-	285+05.79	285+91.16	RT	85.37			285+95.00		14	17	50		1			1	1												RETAINING WALL
-L-	285+91.16	287+84.32	RT				285+95.00	287+80.00	14																	193.16			BARRIER FOR RETAINING WALL
-L-	285+64.18	287+57.84	LT				287+50.00	285+65.00	14																	193.66			BARRIER FOR RETAINING WALL
-L-	287+57.84	288+43.22	LT	85.38			287+50.00		14	17	50		1			1	1												RETAINING WALL
-L-	307+50.29	314+65.96	RT																									715.83	
-L-	307+34.43	311+90.66	RT	456.23			310+48.91	310+86.95	14	17	50		1				1		1										BOX CULVERT
-L-	308+64.89	315+77.90	LT																									713.01	
-L-	308+93.55	314+41.42	LT	547.87			310+96.39	308+93.55	14	17	50		1			1	1												BOX CULVERT AND NOISE WALL
-L-	330+63.91	333+82.65	LT	318.74			331+00.16		14	17	50		1				1		1										SIGN SUPPORT
-L-	305+88.00	308+93.55	LT						14																	304.75			BARRIER FOR NOISE WALL
SHEET TOTAL				8427.88												8	22		14							1687.41	12061.41	24625.29	