COMPUTED BY: HDC	DATE: 11/24/21
CHECKED BY: DCW	DATE: 02/10/22

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT NO.	SHEET NO.
I-5987B	3B-4

GUARDRAIL SUMMARY

SURVEY LINE	BEGIN STATION	END STATION	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS					IMPACT ATTENUATOR TYPE 350		REMOVE EXISTING GUARDRAIL	REMOVE EXISTING GUIDERAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	B-77 SAU	GREU TL-3	CAT-1	AT-1	TYPE III	PERMITTED G	PERMITTED NG			
-L-	507+51.58	552+79.52	LT/SR	4562.50			513+95.19		4	7	1		50			2								
-L-	511+40.00	514+32.76	RT	293.75			511+90.00		14	17	1		50			1	1							
-L-	513+73.00	516+10.50	LT	293.75			516+10.50		14	17	1		50			1	1							
-L-	528+15.00	531+07.76	RT	293.75			528+65.00		14	17	1		50			1	1							
-L-	529+64.74	532+57.50	LT	293.75			532+07.50		14	17	1		50			1	1							
-L-	545+32.75	547+64.00	LT	231.25			545+49.00		14	17	1		50	6.25		1	1							
-L-	545+85.00	548+16.25	RT	231.25			548+00.00		14	17	1		50	6.25		1	1							
-L-	553+40.00	556+32.76	RT	293.75			553+90.46		14	17	1		50			1	1							
-L-	555+82.74	558+75.49	LT	293.75			558+25.50		14	17	1		50			1	1							
-L-	555+82.74	558+75.49	LT	293.75			558+25.50		14	17	1		50			1	1							
-L-	570+19.00	572+91.87	RT	272.875			572+91.87		14	17	1		50		1	1						238		
-L-	574+39.73	585+36.87	LT	1104.13			574+39.73	578+50.00	14	17	1		50		2							238		
-L-	577+48.63	585+11.13	RT	768.75			579+00.00		14	17	1		50		1	1						542		
-L-	583+17.00	585+42.00	MED																			425		
-L-	586+91.13	588+03.63	RT	112.50				588+00.00	14	17	1		50		1		1					175		
-L-	586+92.00	589+17.00	MED																			225		
-L-	586+92.00	588+92.00	MED																			200		
-L-	587+16.87	590+54.32	LT	343.75			589+00.00		14	17	1		50		1	1						188		
-L-	598+67.50	600+98.75	RT	231.25			600+80.00		14	17	1		50	6.25		1	1							
-L-	607+56.00	616+06.00	RT																			850		
-L-	609+52.50	616+40.00	LT																			688		
-L-	612+09.00	612+29.00	RT																	1				
-L-	613+92.00	616+17.00	MED																			225		
-L-	614+16.50	616+29.00	MED																			213		
-L-	617+97.00	620+09.50	MED																			213		
-L-	617+98.00	624+10.50	RT																			613		
-L-	618+10.00	620+35.00	MED																			225		
-L-	618+21.00	624+33.50	MED																			613		
-L-	626+20.00	626+41.44	LT																	1				
-L-	631+76.25	634+07.50	LT	231.25					14	17	1		50	6.25		1	1							
-L-	642+85.00	645+10.00	RT																					
-L-	645+98.00	648+98.00	MED																			300		
-L-	646+66.00	650+00.00	MED																			338		
-L-	658+10.00	660+85.00	LT	275.00					14	17	1		50	6.25		1	1							
-L-	672+47.00	684+07.00	MED																			1160		
-L-	673+36.00	684+78.00	MED																			1142		
-Y5RPB-	12+44.77	19+75.00	LT	731.25			16+99.94		14	17	1		50			1	1							
-Y5RPD-	11+50.00	23+06.25	LT	1156.25			22+50.00		14	17	1		50			1	1							
-Y4-	20+96.23	23+94.11	RT	297.87			23+94.11		8	11	1		50		1	1								
-Y4-	17+96.23	23+94.11	LT	597.87				19+50.00	8	11	1		50		1	1								
-Y4-	25+53.86	33+28.86	RT	768.75				31+75.00	8	11	1		50		1	1								
-Y4-	25+53.86	31+59.69	LT	581.25	62.50		30+00.00		8	11	1		50		1									
-Y4-	31+96.97	33+60.92	LT	125.00	62.50		32+75.00		8	11	1		50			1								
-SR5-	10+54.37	13+79.37	LT	325.00					8	9	1		50			1								
-SR5-	10+67.37	13+79.87	RT	312.50					8	9	1		50			1								
-L-	674+60.00	677+00.00	RT	240.000			676+60.00		14	17	1		50			1	1					273		
-L-	676+00.00		LT																					
-L-	677+25.00	679+75.00	LT	250.00			677+65.00		14	17	1		50			1	1					256		
-L-	685+05.00	686+55.00	RT	150.00					14	17	1		50	6.25		1	1							
-L-	699+95.50	701+50.50	RT	110.00			701+10.00		14	17	1		50		1	1						301		
-L-	702+62.00	703+28.00	MED																			66		
-L-	702+76.00	703+36.00	MED																			60		
-L-	703+74.00	704+34.00	MED																			60		
-L-	703+82.00	704+49.00	MED																			67		
-L-	704+50.00	705+60.00	LT	110.00			704+41.00		14	17	1		50		1	1						91		
-L-	719+60.00	721+10.00	LT	150.00					14	17	1		50	6.25		1	1							
-L-	733+77.00	743+05.00	MED																			928		
-L-	734+71.00	744+13.00	MED																			942		
-Y1B-	25+34.15	28+55.70	RT	321.55			28+55.70		8	11	1		50		1	1						1116		
-Y1B-	26+19.00	28+10.20	LT	191.20				28+10.20	8	11					1		1					1067		
-Y1B-	30+91.88	32+83.30	RT	191.42				30+91.88	8	11					1		1					343		
-Y1B-	30+46.38	33+09.71	LT	263.33			30+46.38		8	11	1		50		1	1						590		
-Y1BRPA-	20+43.75	Y1B 23+13.84	RT	411.12	94.83		Y1BRPA 22+12		14	17	1		50			1	1							
-Y1BRPB-	23+80.00	27+57.25	LT	377.25			26+50.00		14	17	1		50			1	1							
-Y1BRPC-	19+50.00	Y1B 36+75.00	RT	585.58	110.47		20+75.00	Y1B 35+75.00	14	17	1		50			1	1					403		
-Y1BRPD-	16+38.00	Y1B 35+60	LT																			992		
-SR3-	17+95.00	23+00.00	RT	505.00			21+00.00	21+06.00	6	9	1	1	50	50		2								
-L-	757+45.53	760+05.90	RT	260.38	0.00		BARRIER		14	17	1		50		1	1						186		
-L-	762+36.02	764+96.40	LT	260.38				BARRIER	14	17		1		50	1	1						88		
-L-	791+05.81	802+12.06	RT	1106.25			781+50.00	BRIDGE	14	17	1		50		1	1						219		
-L-	797+87.80	802+37.80	LT	450.00			BRIDGE	797+50.00	14	17				6.25	1		1					254		
-L-	803+92.06	811+54.56	RT	762.50			BRIDGE	811+00.00	14	17				6.25	1		1					238		
-L-	804+17.80	811+99.05	LT	781.25			810+50.00	BRIDGE	14	17	1		50		1	1						188		
-L-	825+38.75	827+57.50	LT	218.75					14	17	1		50	6.25		1	1							
-L-	828+62.50	830+81.25	RT	218.75					14	17	1		50	6.25		1	1							
-L-	867+83.75	870+02.50	LT	218.75					14	17	1		50	6.25		1	1							
-L-			MED																			812		
-L-	879+90.40	882+50.77	RT	260.38	0.00		BARRIER		14	17	1		50		1	1						321		
-L-	884+22.42	886+82.80	LT	260.38				BARRIER	14	17		1		50	1	1						86		
-L-	899+52.82	902+71.57	RT	318.75			CULVERT		14	17	1		50	6.25		1	1					256		
-L-	901+95.29	905+14.04	LT	318.75			CULVERT		14	17	1		50	6.25		1	1					228		
-L-	908+27.50	910+46.25	RT	218.75					14	17	1		50	6.25		1	1							
-Y6-	21+56.08	23+98.65	RT	231.25	37.50		CULVERT	DRIVE	6	9	1		50	6.25		1		1						
-Y6-	22+17.44	24+60.30	LT	231.25	37.50		DRIVE	23+50.00	6	9		1	6.25	50		1		1						
-Y6-	25+07.43	29+32.39	LT	425.00	50.00		BRIDGE	DRIVE	6	9	1		50		1			1				372		
-Y6-	26+68.15	29+49.40	RT	281.25				BRIDGE	6	9		1		50	1	1						471		
-Y6-	31+06.81	39+25.56	LT	818.75			38+00.00	BRIDGE	6	9		1		50	1	1						484		
-Y6-	31+23.82	39+80.07	RT	856.25			BRIDGE	38+50.00	6	9	1		50		1	1						471		
-Y7-	22+76.60	28+95.35	RT	618.75			24+00.00	BRIDGE	8	11	1		50		1	1						320		
-Y7-	27+45.96	28+89.71	LT	143.75			BRIDGE		8	11		1		50	1	1						421		
-Y7-	30+51.73	38+20.48	RT	768.75			BRIDGE	37+00.00	8	11		1		50	1	1						645		
-Y7-	30+46.09	33+52.34	LT	306.25				BRIDGE	8	11	1		50		1	1						645		
SUBTOTAL				29508.19	455.30										32	59	32	3	0	2				
LESS ANCHOR DEDUCTIONS																								
B-77 SAU	32	X	22.875	732																				
GREU TL-3	59	X	50	2950																				
CAT-1	32	X	6.25	200																				
AT-1	3	X	6.25	18.75																				
TYPE III	0	X	18.75	0																				
ADDITIONAL POSTS:				10																				
PROJECT TOTAL				25607.44	455.30										32	59	32	3	0	2		23067		
SAY				25865	460																			