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-6

"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				
-Y1ARPA-	10+00.00	20+80.00	RT																							1080			BARRIER FOR NOISE WALL
-Y1ARPA-	20+80.55	29+38.78	RT	858.23			20+80.55	25+00.00	14	17							1												NOISE WALL AND HEIGHT OF FILL
-Y1A-	33+43.88	38+10.64	LT	466.76			34+50.00		10	13	50		1				1												HEIGHT OF FILL
-Y1ARPB-	21+53.24	27+59.48	LT	606.24			22+00.00		14	17	50		1				1		1										HEIGHT OF FILL
-Y1ARPC-	18+76.59	27+13.57	RT	836.98			21+00.00		14	17	50		1				1												HEIGHT OF FILL
-Y1A-	44+27.41	48+89.71	RT	462.3			47+50.00		10	13	50		1				1												HEIGHT OF FILL
-Y1ARPD-	20+18.78	25+75.03	LT	556.25			23+00.00		14	17	50		1				1		1										HEIGHT OF FILL
-Y1A-	38+98.97	40+39.04	LT	140.07				40+39.32	VAR	VAR						1			1										BRIDGE
-Y1A-	39+32.63	40+31.01	RT	98.38			40+30.73		VAR	VAR						1		1											BRIDGE
-Y1A-	42+07.04	43+05.42	LT	98.38			42+07.32		VAR	VAR						1		1											BRIDGE
-Y1A-	41+99.01	43+39.14	RT	140.13				41+98.73	VAR	VAR						1			1										BRIDGE
-Y2-	22+90.42	32+76.54	RT																									1290.27	Y2 EXISTING BRIDGE PROTECTION ABOVE
-Y2-	22+96.94	28+82.28	LT	585.34				28+82.42	8	11	50		1		1		1												BRIDGE
-Y2-	22+68.96	28+79.30	RT	610.34			28+79.16		8	11	50		1		1		1												BRIDGE
-Y2-	30+72.28	34+41.60	LT	369.32			30+72.42		8	11	50		1		1		1												BRIDGE
-Y2-	30+69.30	31+79.66	RT	110.36				30+69.16	5.75	8.75	50		1		1		1												BRIDGE
-L-	353+12.71	360+56.46	LT	743.75			35800	35337	14	17	50		1				1		1										WINGWALL - SIGN SUPPORT
-L-	365+87.39	369+18.64	LT	331.25			36642	36587.39	14	17	50		1				1		1										CULVERT HEADWALL
-L-	440+73.00	442+04.25	LT	131.25			44073		14	17	50		1				1		1										ITS CAMERA
-L-	455+18.96	461+10.58	LT	592			45589	45518.96	14	17						1			1										CULVERT HEADWALL
-L-	461+10.58	464+25.83	LT																							315.25			RETAINING WALL
-L-	464+25.83	465+11.20	LT	85.38			46426		14	17	50		1			1	1												RETAINING WALL
-L-	351+44.69	354+75.94	RT	331.25			35437	35475.94	14	17	50		1				1		1										CULVERT HEADWALL
-L-	363+26.74	366+95.49	RT	368.75			36607	36695.49	14	17	50		1				1		1										CULVERT HEADWALL / HYDRO DRAINAGE
-L-	382+00.00	384+68.75	LT	368.75			38200	38200	14	17	50		1				1		1										DMS
-L-	450+85.19	454+66.44	RT	381.25			45377	45466.44	14	17	50		1				1		1										CULVERT HEADWALL / HYDRO DRAINAGE
-L-	461+43.51	462+78.88	RT	135.38			46273		14	17	50		1			1	1												RETAINING WALL / HYDRO DRAINAGE
-L-	462+78.88	466+04.38	RT																							325.5			RETAINING WALL
-Y3-	21+19.04	28+92.28	LT	772.88				2260	6	9	50		1			1	1												FILL
-Y3-	31+54.01	38+75.32	LT	722.88			3730		6	9	50		1			1	1												FILL
-Y3-	20+57.07	28+54.21	RT	797.88			2190		6	9	50		1			1	1												FILL
-Y3-	31+15.93	33+38.79	RT	222.88				3200	6	9	50		1			1	1												FILL
-L-	352+98.69	354+68.88	LT																									170.65	
-L-	365+66.09	367+35.93	LT																									170.27	
-L-	384+76.39	386+08.50	LT/MED																									132.31	
-L-	385+14.33	387+04.36	LT																									192.01	
-L-	403+55.88	404+84.98	LT																									129.4	
-L-	455+38.42	456+91.29	LT																									152.87	
-L-	462+34.55	463+41.37	LT																									106.83	
-L-	462+86.40	464+51.98	LT/MED																									165.76	
-L-	353+10.91	354+64.09	RT																									153.63	
-L-	364+96.17	366+63.05	RT																									167.14	
-L-	384+53.72	385+82.62	RT/MED																									128.91	
-L-	384+25.44	385+94.94	RT																									171.2	
-L-	402+92.85	403+95.00	RT																									102.68	
-L-	452+54.18	454+30.17	RT																									175.99	
-L-	461+17.00	462+82.30	RT/MED																									165.42	
-L-	462+26.86	463+34.83	RT																									108.01	
SHEET TOTAL				11924.61											4	11	23	2	12							1720.75		3683.35	