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COMPUTED BY: GMM /THH DATE: 11-11-2022
CHECKED BY: STS DATE: 11-14-2022

"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
NG = NON-GATING IMPACT ATTENUATOR

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	3B-3

GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS								IMPACT ATTENUATOR MASH, TL-3			SINGLE FACED CONCRETE BARRIER (LF)	REMOVE AND RESET EXISTING GUARDRAIL	REMOVE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GREU TL-3	GREU TL-2	CAT-1	B-77	TES				NO.	PERMITTED G	PERMITTED NG				
L	636+58.75	660+25.00	LT	2400			657+50.00	636+90.00	12'	15'	50.00		1'	N/A	1		1												
L	640+04.35	660+06.25	RT	1987.5			642+80.00	659+75.00	12'	15'	50.00		1'	N/A	1		1												
L	664+88.02	666+70.05	LT/MED	112.5			666+49.05	BRIDGE										2					1		X	50			BRIDGE
L	664+88.02	666+70.05	RT/MED	112.5			665+09.02	BRIDGE										2					1		X	50			BRIDGE
L	666+40.00	671+81.25	RT	550			668+80.00	671+50.00	12'	15'	50.00	N/A	1'		1		1												
L	668+08.75	674+16.07	LT	612.5			671+40.00	668+40.00	12'	15'	50.00	N/A	1'	N/A	1		1												
L	677+11.50	677+29.87	LT	25.0															2										ROAD CLOSURE
L	677+13.49	677+31.86	RT	25.0															2										ROAD CLOSURE
L	680+78.75	689+65.39	LT	887.5			686+90.00	681+10.00	12'	15'	50.00	N/A	1'	N/A	1		1												
L	680+15.00	686+21.25	RT	462.5			682+90.00	685+90.00	12'	15'	50.00	N/A	1'	N/A	1		1												
L	690+92.46	692+74.46	LT/MED	112.5			692+53.47	BRIDGE										2					1		X	50			BRIDGE
L	690+92.46	692+74.46	RT/MED	112.5			691+13.45	BRIDGE										2					1		X	50			BRIDGE
L	711+35.89	723+61.20	RT	1237.5			714+10.00		12'	15'	50.00	N/A	1'	N/A	1		1												
L	713+50.00	747+35.00	LT	762.5			744+60.00		12'	15'	50.00	N/A	1'	N/A	1			1								2611			NOISE WALL
L	738+25.00	745+11.25	RT	712.5			741+00.00		12'	15'	50.00	N/A	1'	N/A	1		1												NOISE WALL
L	755+76.45	757+58.45	LT/MED	112.5			757+37.45	BRIDGE										2					1		X	50			BRIDGE
L	755+76.45	757+58.45	RT/MED	112.5			755+97.45	BRIDGE										2					1		X	50			BRIDGE
L	761+06.00	764+62.42	RT	362.5			761+30.00	764+31.17	12'	15'	50.00	N/A	1'	N/A	1		1												
L	763+08.75	767+46.07	LT	437.5			766+25.00	763+40.00	12'	15'	50.00	N/A	1'	N/A	1		1												
L	772+00.00	798+31.25	RT	2625			774+00.00	798+00.00	12'	15'	50.00	N/A	1'	N/A	1		1												
L	773+78.75	800+76.07	LT	2712.5			798+00.00	773+47.50	12'	15'	50.00	N/A	1'	N/A	1		1												
L	804+08.75	809+41.25	LT	537.5			805+10.00	804+40.00	12'	15'		N/A		N/A			1	1											
L	806+47.18	809+48.17	RT	312.5			807+97.18	BRIDGE	12'	15'	50.00	N/A	1'	N/A	1			1											BRIDGE
L	806+48.19	809+48.17	RT/MED	300			807+98.19	BRIDGE	4'	7'	50.00	N/A	1'	N/A	1			1											BRIDGE
L	810+53.75	816+51.53	RT	600			810+53.75		12'	15'							1	1											OVERHEAD SIGN
L	810+60.83	819+07.50	LT/MED	850			817+57.50		6'	9'	50.00	N/A	1'	N/A	1			1											OVERHEAD SIGN
L	810+60.83	819+56.07	LT	900			816+80.00	BRIDGE	12'	15'	50.00	N/A	1'	N/A	1			1											BRIDGE
L	812+20.00	815+45.00	RT/MED	325			812+20.00		6'	9'	50.00	N/A	1'	N/A	1		1												OVERHEAD SIGN
L	816+60.97	816+78.14	LT	25															2										
L	822+99.00	825+31.00	LT/MED	112.5			825+10.00	BRIDGE										2					1		X	100			BRIDGE
L	822+99.00	825+31.00	RT/MED	112.5			823+20.00	BRIDGE										2					1		X	100			BRIDGE
L	844+39.08	847+40.00	RT/MED	312.5			844+39.08	BRIDGE	6'	9'	50.00	N/A	1'	N/A	1			1										353	BRIDGE
L	844+85.18	847+40.00	LT/MED	262.5			847+40.00		6'	9'							1	1										290	OVERHEAD SIGN
L	844+25.00	847+40.00	RT	325			847+40.00		12'	15'	50.00	N/A	1'	N/A	1			1										79	
L	850+60.00	851+00.00	RT	50			850+55.04	BRIDGE										1											BRIDGE
L	850+60.00	851+00.00	RT/MED	50			850+56.85	BRIDGE										1											BRIDGE
L	850+60.00	851+00.00	LT/MED	50			850+79.73	BRIDGE										1											BRIDGE
L	850+60.00	851+00.00	LT	50			850+79.73	BRIDGE										1											BRIDGE
Y1	13+69.00	18+86.84	LT	525			18+90.96	14+48.60	6'	9'		50.00		1'	1			1											BRIDGE
Y1	14+25.00	18+78.42	RT	462.5			15+00.57	18+82.55	6'	9'	50.00	N/A	1'	N/A	1			1											BRIDGE
Y1	20+76.17	21+70.91	RT	100			20+72.05	21+21.05	6'	9'		50.00		1'	1			1											BRIDGE
Y1	20+84.59	23+15.26	LT	237.5			22+65.62	20+80.47	6'	9'	50.00	N/A	1'	N/A	1			1											BRIDGE
Y2	16+02.25	19+10.66	LT	312.5			19+15.66	16+52.24	8'	11'		50.00		1'	1			1											BRIDGE
Y2	16+21.48	19+22.95	RT	312.5			16+71.47	19+27.94	8'	11'	50.00	N/A	1'	N/A	1			1											BRIDGE
Y2	21+12.50	22+96.17	LT	187.5			22+46.16	21+08.38	8'	11'	50.00	N/A	1'	N/A	1			1											BRIDGE
Y2	21+24.78	22+33.17	RT	112.5			21+20.66	21+83.18	8'	11'		50.00		1'	1			1											BRIDGE
Y2	15+12.85	15+14.48	RT	25															2										ROAD CLOSURE
Y2	18+05.88	18+06.94	RT	25															2										ROAD CLOSURE
Y3	20+00.55	22+34.28	RT	237.5			20+50.89	22+38.30	8'	11'	50.00	N/A	1'	N/A	1			1											BRIDGE
Y3	21+17.02	22+23.73	LT	112.5			22+27.14	21+66.71	8'	11'		50.00		1'	1			1											BRIDGE
Y3	24+41.11	26+75.99	LT	237.5			26+26.01	24+36.88	8'	11'	50.00	N/A	1'	N/A	1			1											BRIDGE
Y3	24+54.58	25+62.41	RT	112.5			24+50.57	25+12.16	8'	11'		50.00		1'	1			1											BRIDGE
SHEET TOTALS				24650											32	0	16	42	10				8			3111		722	

6/16/99
4/19/2023
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