

6/16/99

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-2707E	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			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	PERMITTED											
																				NO.	G	NG									
L	851+00.00	877+34.88	LT	2587.5			874+75.00	BRIDGE	12'	15'	50.00	N/A	1'	N/A	1													2093			
L	851+00.00	885+30.67	LT/MED	3425					6'	9'	50.00	N/A	1'	N/A	1													296			
L	885+50.66	935+50.00	LT/MED	4987.5			934+00.00		6'	9'	50.00	N/A	1'	N/A	1			1													
L	851+00.00	882+79.73	RT/MED	3200			852+50.00		6'	9'		N/A		N/A				1									207				
L	882+99.86	935+00.00	RT/MED	5212.5					6'	9'	50.00	N/A	1'	N/A	1			1													
L	851+00.00	851+40.00	RT	50			851+00.00	851+08.75	12'	15'									1												
L	861+50.00	864+25.00	RT	287.5			863+00.00	863+93.75	12'	15'	50.00	N/A	1'	N/A	1			1													
L	875+50.00	878+24.42	RT	275			877+00.00	877+93.17	12'	15'	50.00	N/A	1'	N/A	1			1													
L	901+90.92	912+26.93	LT	1025			909+50.00	902+22.17	12'	15'	50.00	N/A	1'	N/A	1			1										927			
L	917+76.81	927+50.00	RT	1000			920+50.00	927+18.75	12'	15'	50.00	N/A	1'	N/A	1			1										731			
L	920+50.00	929+45.00	LT	887.5			926+70.00	920+81.25	12'	15'	50.00	N/A	1'	N/A	1			1										640			
L	935+69.92	950+43.82	LT	100			950+43.82		12'	15'	50.00	N/A	1'	N/A	1					1							1395		NOISE WALL		
Y41/SR6	10+21.09	23+43.00	RT/LT	987.5	38.9		11+30.00	22+50.00	8'	11'		50.00		1'		1	1														
SR6	21+82.01	23+07.00	LT	125			22+50.00		8'	11'	50.00		1'		2																
Y41/SR7	11+76.00	16+50.00	LT	1575	80.0		15+30.00	12+30.00	8'	11'	50.00	N/A	1'	N/A	1	1															
Y42	11+35.52	12+14.32	LT	87.5			11+39.40	12+14.32	8'	11'							1			1											
Y42	11+36.09	12+14.32	RT	87.5			11+39.42	12+14.32	8'	11'							1			1											
Y42	14+09.66	14+88.83	LT	87.5			14+85.75	14+32.54	8'	11'				N/A			1			1											
Y42	14+09.66	14+87.77	RT	87.5			14+09.66	14+84.49	8'	11'							1			1											
Y43/SR9	12+93.97	12+21.05	RT	537.5	52.4		12+40.0	13+30.00	8'	11'	50.00	N/A	1'	N/A	1	1															
Y43/SR9	12+53.97	17+23.03	LT/RT	262.5	52.0		12+00.00	21+38.92	8'	11'		50.00		1'		1	1														
SR9	10+61.00	11+87.35	RT	125					8'	11'	50.00		50.00	1'		1'	2														
Y42RPD	18+00.00	20+00.00	LT	200			18+75.00	19+25.00	12'	15'	50.00	N/A	1'				1			1											
SR7	21+50.00	28+30.64	LT	687.5			26+30.00	21+60.00	8'	11'	50.00	50.00	1'		1'	2															
SR7	35+49.38	42+80.79	LT	737.5			43+30.00	36+60.00	8'	11'	50.00	50.00	1'		1'	2															
SR7	43+13.65	44+26.14	LT	112.5			43+30.00	36+60.00	8'	11'	50.00	50.00	1'		1'	2															
SR7	36+01.06	42+00.00	RT	612.5			36+75.56	41+24.93	8'	11'	50.00	50.00	1'		1'	2															
SR7	62+50.00	66+49.99	LT	400.0			64+50.00	63+50.00	8'	11'	50.00	50.00	1'		1'	2															
SR7	68+30.00	73+16.92	RT	500			70+30.00	72+30.00	8'	11'	50.00	50.00	1'		1'	2															
SR7	69+23.75	78+30.00	LT	900			73+30.00	69+70.00	8'	11'	50.00	50.00	1'		1'	2															
SR9/SR10	17+63.47	14+33.00	RT	900			18+38.47	13+55.00	8'	11'	50.00	50.00	1'		1'	2															
SR10	14+69.00	15+93.99	RT	125			18+38.47	13+55.00	8'	11'	50.00	50.00	1'		1'	2															
SHEET TOTALS				32,175																											
LESS ANCHOR DEDUCTIONS																															
	GREU TL-3	36	@ 50	-1,800																											
	GREU TL-2	8	@ 25	-200																											
	CAT-1	10	@ 6.25	-62.5																											
	B-77	5	@ 22.875	-114.375																											
TOTALS				29,998.125	223.3												36	8	10	5										1395	4894
SAY				30,000	250												36	8	10	5										1400	4894
ADDITIONAL GUARDRAIL POSTS =				10																											

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