COMPUTED BY:	PBM	DATE:	12/6/2022
CHECKED BY:	EHW	DATE:	12/6/2022

DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

GUARDRAIL SUMMARY

PROJECT REFERENCE NO.	SHEET NO.
U-5748	3B-2

"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 TYPE TL-3
NG = NON-GATING IMPACT ATTENUATOR TYPE TL-3

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH (LF)			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHORS									IMPACT ATTENUATOR TL-3		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL (LF)	REMOVE & STOCKPILE 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	TES	G	NG				
L	17+93.75	23+29.64	LT	536			18+00.00		2							1			1								639		
L	26+43.96	30+99.87	LT	456			26+37.00	30+00.00	2							1	1										989		
L	26+34.99	27+87.72	LT	153			26+37.00		VAR							1	1										166		
L	62+71.48	72+83.85	LT	1021			69+83.85		14								1		1								554		
L	18+12.51	19+59.22	RT	147			18+65.90		14										1								526		
L	19+60.00	23+29.64	RT	370			23+38.00		2							1	1												
L	26+43.96	28+56.25	RT	214			26+37.00	28+50.00	2							1			1								301		
L	26+34.98	27+62.72	RT	128			26+37.00		VAR							1	1										141		
L	36+16.79	36+89.67	RT	73			36+90.00		VAR							1	1										355		
L	43+39.13	45+93.70	LT	256			43+73.70		VAR								1		1										
L	42+58.04	44+39.60	CL	183			43+73.70		VAR															1					
L	43+07.74	44+89.28	CL	183			43+73.70		VAR															1					
L	46+46.85	47+06.55	RT	29	50		47+07.00		VAR							1				1									
L	48+59.62	49+77.50	RT	117			48+60.00		20							1				1									
Y2	23+23.63	25+56.25	RT	238			23+25.00	25+50.00	8								1		1										
Y2	24+18.75	29+24.84	LT	486			25+00.00		8								1		1										
Y10	11+04.44	11+04.91	CL	35.5			11+05.40		2.5														2						
			SUBTOTAL	4626.625	50										0	9	9	0	7	2	0	0	2	2		2152	4159		
		ANCHOR UNIT																											
	GREU TL-3	9 @ 50' EA		450																									
	IA TL-3	2 @ 50' EA		100																									
	B-77	9 @ 22.875' EA		205.875																									
	CAT-1	7 @ 6.25' EA		43.75																									
	AT-1	2 @ 6.25' EA		12.5																									
	TES	2 @ 2.25' EA		4.5																									
			TOTAL	3810	50										0	9	9	0	7	2	0	0	2	2		2152	4159		
			SAY	3812.5	50											9	9		7	2			2	2		2160	4160		
ADDITIONAL GUARDRAIL POSTS = 10 EACH																													