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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
B-3186-B-5898	3B-3

GUARDRAIL SUMMARY

"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 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 TYPE 350		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	RELAP 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				
														B-3186																
L_LT	15+00.000	20+50.000		LT	550.000			19+10.000	15+00.000	12	15	50	-	1	-			1										510		
L_LT	15+00.000	24+01.750		MED LT	901.750			24+01.750	15+00.000	12	15	-	-	-	-		1											2683		
L_RT	15+00.000	23+97.810		MED RT	897.810			15+00.000	23+97.810	12	15	-	-	-	-		1											2674		
L_RT	15+00.000	15+68.750		RT	68.750			15+00.000	15+68.750	12	15	-	-	-	-					1								67		
L_RT	20+51.125	29+24.000		RT	872.875			20+51.125	20+51.125	12	15	50		1	-		1	1										832		
L_RT	34+62.500	41+39.070		RT	676.570			34+62.500	41+39.070	12	15	-	-	-	-		2											688		
L_LT	41+00.875	41+80.000		LT	79.125			41+80.000	41+00.875	13	16	-	-	-	-		1			1								224		
L_LT	44+12.300	46+04.680	48+53.660	LT	192.380			46+04.680	44+12.300	12	15	-	-	-	-		1											242		
L_RT	43+71.320	46+28.380	50+96.160	RT	257.060			46+28.380	43+71.320	12	15	-	-	-	-		1											288		
					4496.320												8	2		2								8208		
DEDUCTION FOR ANCHOR UNITS																														
GREU TL-3		2		50	100.000																									
CAT-1		2		6.25	12.500																									
B-77		8		22.875	183																									
GRAND TOTAL					4200.820																									
												5 EACH ADDITIONAL GUARDRAIL POSTS																		
		SAY			4225																									
														B-5898																
L_RT	46+28.380	51+17.150		RT	488.770			51+17.150	46+28.380	12	15	-	-	-	-		1													
L_LT	46+04.680	48+53.660		LT	248.980			48+53.660	46+04.680	12	15	-	-	-	-		1											236		
L_LT	49+56.700	50+29.575		LT	72.875			49+56.700	49+56.700	10	13	50	-	1	-		1	1										283		
L_RT	52+54.700	53+46.325		RT	91.625			52+54.700	53+46.325	18	21	-	-	-	-		1			1								2136		
L_RT	60+00.000	67+81.250		MED RT	781.250			60+00.000	67+81.250	6	8	-	-	-	-		2											231		
L_LT	60+00.000	67+98.900		MED LT	798.900			67+98.900	60+00.000	6	8	-	-	-	-		2											1729		
L_RT	69+04.300	72+14.950		RT	310.650			69+04.300	72+14.950	12	15	-	-	-	-		2											389.5		
L_LT	69+58.000	80+64.170		MED LT	1106.170			80+64.170	69+58.000	10	12	-	-	-	-		1											147.5		
L_RT	69+55.500	81+44.640		MED RT	1189.140			69+55.500	81+44.640	10	12	-	-	-	-		1											403		
L_RT	67+30.000	-		RT	-			-	-	-	-	-	-	-	-		1											1118.5		
L_LT	68+45.340	-		LT	-			-	-	-	-	-	-	-	-		1											1201		
L_LT	70+04.500	-		LT	-			-	-	-	-	-	-	-	-		1											223		
Y1_RT	15+77.125	16+50.000		RT	72.875			16+50.000	16+50.000	10	13	50	-	1	-		1	1										285		
Y1_RT	24+31.225	26+41.600		LT	210.375			26+41.600	2531.2	10.75	13	50	-	1	-		1	1										775		
Y1_RT	26+02.200	-		RT	-			-	-	-	-	-	-	-	-		1											1598		
Y1_RT	29+51.700	-		RT	-			-	-	-	-	-	-	-	-		1											496.5		
Y1_RT	32+05.000	33+02.875		LT	97.875			32+05.000	33+02.875	12	15	-	-	-	-		1			1								434		
L_ITS	121+43.750	124+12.500		LT	268.75			124+12.500	121+43.750	6	9	-	-	1	-			1		1										
L_LT	73+97.700	76+50.000		LT	252.300			76+50.000	73+97.700	10	12	-	-	-	-		2													
TOTAL					5990.535												22	4		3								11686		
DEDUCTION FOR ANCHOR UNITS																														
GREU TL-3		4		50	200.000																									
CAT-1		3		6.25	18.750																									
B-77		22		22.875	503.25																									
GRAND TOTAL					5268.535																									
												5 EACH ADDITIONAL GUARDRAIL POSTS																		
		SAY			5275																									