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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
I-5786	*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	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	TYPE B-77	TYPE III	GREU 350	M-350	XIII	CAT-1	VI MOD	BIC		G	NG				
L	35+62.50	39+25.00	RT	362.50			39+25.00		10.00	13.00	54		1		1		1										2414.19		
L	89+23.77	94+76.25	MED	56.25		496.36									2					1							7884.31		
L	92+45.42	94+01.66	RT	156.24			94+01.66		8.37	11.37	54		1		1		1												
L	95+01.18	97+07.41	LT	206.23			95+01.18		8.77	11.77	54		1		1		1												
L	94+35.00	99+89.06	MED	56.25		497.81									2					1									
Y2RPD	13+50.00	119+90.25	RT	1579.02			12+00.00		10.00	13.00	54		1				1			1									USE EXTRA LENGTH GUARDRAIL POSTS
Y2RPA	11+90.00	120+00.00	LT	1495.55			118+50.00		10.00	13.00	54		1				1			1									USE EXTRA LENGTH GUARDRAIL POSTS
L	134+50.00	143+00.00	LT	850.00			141+50.00		10.00	13.00	54		1				1			1									USE EXTRA LENGTH GUARDRAIL POSTS
L	150+26.51	155+61.00	MED	56.25		489.87									2					1							8811.55		
L	153+69.00	155+25.29	RT	156.29			155+25.29		8.48	11.37	54		1		1		1										201.42		
L	155+54.92	157+61.15	LT	206.23			155+54.92		8.82	11.82	54		1		1		1										202.57		
L	155+26.16	160+57.77	MED	56.25		494.25									2					1									
L	240+75.00	246+64.50	LT	589.50			245+00.00		10.00	13.00	54		1				1			1							633.06		
L	241+85.00	245+25.00	RT	340.00			243+35.00		10.00	13.00	54		1				1			1							597.49		
L	259+79.17	265+15.00	MED	56.25		492.21									2					1							11372.74		
L	262+62.25	264+68.49	RT	206.25			264+68.49		9.52	12.52	54		1		1		1										201.58		
L	292+93.81	299+30.00	MED			636.19									2														
L	335+15.00	337+08.87	RT	193.87			337+08.87		9.96	12.96	54		1		1		1										201.74		
L	337+88.93	339+70.17	LT	181.24			337+88.93		10.18	13.18	54		1		1		1										212.89		
L	362+00.00	366+00.00	MED			400.00									2												7342.46		
PROJECT TOTAL				6804.17		3506.69									22		13			10							40076		
DEDUCTION FOR ANCHOR UNITS			B-77 = 22 @ 18.75			-412.50																							
		GREU 350, TL-3 = 13 @ 54.00' =		-702.00																									
			CAT-1 = 10 @ 6.25 =	-62.50																									
GRAND TOTAL				6039.67		3094.19																							
SAY				**6125.00**		**3125.00**																					**40500.00**		
ADDITIONAL GUARDRAIL POSTS = 50 EACH																													