RD203060

COMPUTED BY: DJC DATE: 6/11/04
CHECKED BY: TRM DATE: 12/29/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
GUARDRAIL & GUIDERAIL SUMMARY

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2552AB	3-H

"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 BEGIN

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		CABLE GUIDERAIL TOTAL DISTANCE	CABLE GUIDERAIL PAY LIMITS		REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GRAU 350	M-350	TYPE III	CAT-1	GUIDE RAIL	BIC		G	NG				
-L-	28+90.000	39+37.826	MED.						9.3												4					1046.129	1030.889		CABLE GUIDERAIL
-L-	36+25.000	39+79.879	RT.	351.842			37+23.600		4.2	5.2	15.240		0.300				1		1										
-L-	36+78.620	39+37.864	LT.	263.372			36+99.281		4.2	5.2									1	1									
-L-	39+03.300	39+73.634	MED. RT	71.011			39+77.228		4.2	5.2	11.430		1.2					1	1										
-L-	42+05.415	42+70.391	MED. LT	65.133				42+05.415	4.2	5.2	11.430		1.2					1	1										
-L-	41+96.912	42+88.094	LT.	92.296				41+92.977	4.2	5.2	15.240		0.300				1		1										
-L-	42+11.788	51+04.000	MED.						9.3												4					892.281	877.041		CABLE GUIDERAIL
-L-	44+60.854	45+81.905	RT.	121.050			45+60.000		4.2	5.2	15.240		0.300				1			1									
-L-	49+64.760	50+60.273	RT.	95.250			50+60.000		4.2	5.2	15.240		0.300				1			1									
-L-	53+55.000	59+00.000	MED.						9.3												2					545.300	530.060		CABLE GUIDERAIL
-L-	56+98.208	58+24.740	LT.	124.527				52+27.000	4.2	5.2	15.240		0.300				1			1									
-RPB-	12+80.023	13+10.250	RT.	30.399			12+81.000		4.2	5.2	15.240		0.300				1			1									
-RPB-	14+79.924	15+11.063	RT.	29.737			14+80.000		4.2	5.2	15.240		0.300				1			1									
-RPB-	14+80.112	15+19.879	LT.	42.076			14+80.000		4.2	5.2	15.240		0.300				1			1									
-RPC-	10+95.356	12+90.007	RT.	191.436			11+80.000		4.2	5.2	15.240		0.300				1			1									
-RPC-	11+64.961	13+10.195	LT.	146.318			11+80.000		4.2	5.2	15.240		0.300				1			1									
-RPD-	13+70.391	-L- 57+52	LT.	400.050			13+40.000		4.2	5.2	15.240		0.300				1			1									
-RPD-	12+77.662	13+70.027	RT.	92.955			13+40.000		4.2	5.2	15.240		0.300				1			1									
-RPD-	15+10.000	15+90.000	RT.	78.028			15+60.000	15+10.00	3.6	4.6	15.240		0.300				1			1									
-Y2-	17+33.400	18+24.840	RT.	87.636			18+23.811		2.4	3.4	15.240		0.300				1		1										
-Y2-	18+94.113	19+85.491	LT.	87.822				18+94.113	2.4	3.4	15.240		0.300				1		1										

				2370.938																									
	LESS ANCHOR DEDUCTIONS =			-314.325																									
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	PROJECT TOTALS			**2056.613**													**15**	**2**	**7**	**12**	**10**					**2483.710**	**2437.99**		
	SAY			**2057.400**													@ 15.240	@ 11.430	@ 5.715	@ 1.905									
	ADDITIONAL GUARDRAIL POST = 10 EA.																										**2450.0**		
													ANCHOR LENGTH DEDUCTIONS =				228.600	22.860	40.005	22.860									