RD195154

COMPUTED BY: B.YOPP DATE: 6/2005
CHECKED BY: SEC DATE: 6/2005

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
GUARDRAIL SUMMARY

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2206C	3-P

"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		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	XI MOD	XI	GRAU 350	M-350	TYPE III	CAT-1	AT-I	BIC		G	NG				
-Y11-	10+33.339	12+04.789	RT.	171.450			10+50.000		2.4	3.4	50:1		2.7				1		1										
-Y11-	11+31.626	12+04.016	LT.	72.390			12+04.016		2.4	3.4	50:1		2.7				1		1										
-Y11-	12+71.510	14+12.480	RT.	140.970					2.4	3.4	50:1		2.7				1		1										
-Y11-	12+69.658	13+45.858	LT.	76.200					2.4	3.4	50:1		2.7				1		1										
-Y11-	13+54.000	14+53.060	LT.	99.060					2.4	3.4	50:1		2.7				2												
-Y13-	10+76.151	11+35.921	RT.	64.770			11+35.921		1.8	2.8	50:1		2.1				1		1										
-Y13-	11+10.997	11+33.857	LT.	22.860			11+33.857		1.8	2.8	50:1		2.1				1		1										
-Y13-	11+99.395	12+52.735	LT.	53.340			11+99.395		1.8	2.8									1										
-Y13-	12+01.460	13+00.520	RT.	99.060			12+85.280		1.8	2.8	50:1		2.1				1		1										
SR-2	10+05.000	10+45.948	LT.		41.910		10+05.000																						
SR-2	10+45.948	11+56.438	LT.	110.490													1												
-Y13-	12+65.000	13+18.340	LT.	53.340	15.240		13+03.100		1.8	2.8	50:1		2.1				1				1								
-Y14-	19+67.300	20+70.170	RT.	102.870			20+18.735		2.4	3.4	50:1		2.7				2												
-Y14-	19+78.670	20+28.200	LT.	49.530			20+03.435		2.4	3.4	50:1		2.7				2												
	SUBTOTAL -Y- LINES			1,116.330	57.150												15		8		1								
	LESS ANCHOR DEDUCTIONS:																												
	GRAU-350	15 @ 15.240m		228.600																									
	TYPE III	8 @ 5.715m		45.720																									
	AT-I	1 @ 1.905m		1.905																									
	ANCHOR TOTALS			276.225																									
	GRAND TOTALS			840.105	57.150												15		8		1								