RD192296

COMPUTED BY: TO DATE: 8/03/04
CHECKED BY: RPS DATE: 8/18/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2206AA	3-E

"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

GUARDRAIL & GUIDERAIL SUMMARY

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	SINGLE FACED CONCRETE BARRIER	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	B-77	GRAU 350	M-350	TYPE III	CAT-1	GUIDE RAIL	BIC		G	NG				
-L-	90+62.845	91+61.905	RT.	99.060			91+00.000	91+60.000	3.6	4.6	15.240		0.300				1			1									
-L-	91+18.095	92+89.545	LT.	171.450			92+40.000	91+20.000	3.6	4.6	15.240		0.300				1			1									
-L-	93+42.840	94+80.000	RT.	137.160			94+20.000		3.6	4.6	15.240		0.300				1			1									
-L-	98+79.063	99+05.733	RT.	26.670			OVERPASS		3.6	4.6	15.240		0.300			1	1												
-L-	99+05.733	99+30.813	RT.																									25.080	SEE SHEETS 2-G THRU 2-J FOR DETAILS
-L-	99+45.624	99+72.294	LT.	26.670			OVERPASS		3.6	4.6	15.240		0.300			1	1												
-L-	99+20.805	99+45.624	LT.																									25.080	SEE SHEETS 2-G THRU 2-J FOR DETAILS
RP -A-	0+00.000	1+92.672	RT.	201.930			0+40.000	1+81.500	3.6	4.6	15.240		0.300				1			1									
RP -A-	6+81.900	7+20.000	LT.	38.100			SIGN		3.6	4.6	15.240		0.300				1			1									SEE SIGNING PLANS SHEET 12
RP -A-	5+38.070	7+40.000	RT.	201.930			5+80.000	7+20.000	3.6	4.6	15.240		0.300				1			1									
RP -B-	7+65.000	8+03.100	RT.	38.100			SIGN										1			1									SEE SIGNING PLANS SHEET 12
RP -BC-	4+39.952	4+81.862	LT.	41.910					3.6	4.6	15.240		0.300				1		1										
RP -BC-	5+54.965	6+31.165	LT.	76.200			BRIDGE		3.6	4.6	15.240		0.300				1		1										
EX. NC 16 SBL (SIGN NO. 105)				38.100													1			1									SEE SIGNING PLANS SHEET 12 FOR SIGN LOCATION
EX. NC 16 NBL (SIGN NO. 106)				38.100													1			1									SEE SIGNING PLANS SHEET 12 FOR SIGN LOCATION
EX. NC 16 SBL (SIGN NO. 106)				38.100													1			1									SEE SIGNING PLANS SHEET 12 FOR SIGN LOCATION
RP -CA-	1+01.366	2+53.766	RT.	152.400			1+80.000	2+40.000	3.6	4.6	15.240		0.300				1			1									
RP -CA-	3+97.866	8+05.536	RT	407.670			4+40.000	BRIDGE	3.6	4.6	15.240		0.300				1		1										
Y7LP -B-	2+58.140	3+76.250	RT.	118.110			CULVERT		3.6	4.6	15.240		0.300				1			1									
Y7LP -B-	0+00.000	0+77.598	RT.	80.010			CULVERT																						
Y7RP -B-	5+00.149	6+67.789	LT.	167.640				5+20.000	3.6	4.6	15.240		0.300							1									TIE TO EXISTING GUARDRAIL
Y7RP -C-	0+00.000	1+52.400	RT.	152.400			0+40.000	1+40.000	3.6	4.6	15.240		0.300				1			1									
Y7RP -D-	1+63.095	3+42.165	RT.	179.070			3+05.000	1+65.000	3.6	4.6	15.240		0.300				1			1									
	SHEET 2 SUB-TOTAL			2,430.780												2	19	0	3	15	0						8,804.130		
	SHEET 1 SUB-TOTAL			4,659.630												8	20	2	6	12	36						0		
	B-77:	10@5.715 =	57.150																										
	GRAU-350:	39@15.240 =	594.360																										
	M-350:	2@11.430 =	22.860																										
	TYPE III:	9@5.715 =	51.435																										
	CAT-1:	27@1.905 =	51.435																										
	TOTAL DEDUCTIONS		777.240																										
	LESS ANCHOR DEDUCTIONS			-777.240																									
	PROJECT TOTALS			6,313.170												10	39	2	9	27	36						8,804.130		
	SAY TOTALS			6,320.790			ADDITIONAL GUARDRAIL POSTS = 10 EA																						

REMOVE EXISTING GUARDRAIL

RP-A-	5+80 (LT.)	7+50 (RT.)	LT/RT	170																									
			SAY	170																									