COMPUTED BY: ADS DATE: 7/9/03
CHECKED BY: RDH DATE: 7/9/03

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
GUARDRAIL SUMMARY

PROJECT REFERENCE NO.	SHEET NO.
U-0620	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	TEMP.	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GRAU 350	TEMP GRAU 350	M-350	CAT-1	AT-1	TYPE III	XI MOD	BIC	TERM END		G	NG				
-L-	032+62.29	034+87.29	LT	225.00			032+62.29	032+62.29	14.00	14.00	50.00	18.75	6.50	0.00	1					1										
-L-	105+36.43	107+86.43	LT	250.00			106+60.12	105+36.43	14.00	14.00	50.00	6.25	0.00	0.00	1			1												
-L-	118+70.78	120+33.28	LT	162.50			119+09.00	118+70.78	14.00	14.00	50.00	6.25	0.00	0.00	1			1												
-L-	123+96.59	126+84.09	LT	287.50			125+71.93	123+96.59	14.00	14.00	50.00	6.25	0.00	0.00	1			1												
-L-	142+43.99	148+43.99	LT	600.00			147+38.71	142+43.99	14.00	14.00	50.00	6.25	0.00	0.00	1			1												
-L-	155+83.89	160+08.89	LT	425.00			160+01.98	155+83.89	14.00	14.00	18.75	6.25	6.50	0.00				1		1										
-L-	162+56.19	173+56.19	LT	1100.00			172+54.50	162+56.19	14.00	14.00	50.00	18.75	0.00	6.50	1					1										
-L-	183+79.01	185+79.01	LT	200.00			184+68.91	183+79.01	14.00	14.00	50.00	6.25	0.00	0.00	1			1												
-L-	030+35.78	031+73.28	RT	137.50			030+35.78	031+72.83	14.00	14.00	N/A	18.75	N/A	6.50						1										
-L-	033+12.83	033+62.83	RT	50.00	50.00		033+12.83	033+54.88	14.00	14.00	18.75	0.00	~0.6	0.00					1	1										
-L-	034+26.20	040+26.20	RT	600.00	50.00		034+26.20	040+23.55	14.00	14.00	0.00	6.25	0.00	0.00				1	1											
-L-	105+18.73	107+18.73	RT	200.00			106+36.73	107+15.85	14.00	14.00	50.00	6.25	0.00	0.00	1			1												
-L-	116+59.39	118+21.89	RT	162.50			117+77.39	118+10.39	14.00	14.00	50.00	6.25	0.00	0.00	1			1												
-L-	140+22.88	159+72.88	RT	1950.00			141+22.88	159+61.35	14.00	14.00	50.00	18.75	0.00	6.50	1					1										
-L-	161+24.57	172+37.07	RT	1112.50			162+24.57	172+29.15	14.00	14.00	18.75	50.00	6.50	0.00				1		1										
-L-	182+00.00	187+12.50	RT	512.50			183+00.00	186+95.39	14.00	14.00	50.00	6.25	1.00	0.00	1			1												
-L-	157+48.75	159+86.25	MED LT	237.50			159+85.24	159+85.24	2.00	8.00	0.00	230.00	0.00	12.00						1										
-L-	162+43.14	164+80.64	MED LT	237.50			162+43.14	162+43.14	2.00	8.00	230.00	0.00	12.00	0.00						1					1					
-L-	157+48.75	159+86.25	MED RT	237.50			159+78.75	159+78.75	2.00	8.00	230.00	0.00	12.00	0.00						1					1					
-L-	162+38.10	164+75.60	MED RT	237.50			162+38.10	162+38.10	2.00	8.00	0.00	230.00	0.00	12.00						1										
-Y2-	010+93.06	012+93.06	LT	200.00			011+91.00	010+93.06	8.00	11.00	50.00	N/A	1.00	N/A	1															
-Y2-	015+50.00	017+50.00	LT	200.00			015+70.63	015+50.00	8.00	11.00	50.00	50.00	1.00	1.00	2															
-Y2-	013+72.76	016+10.26	RT	237.50			015+72.76	015+97.81	8.00	11.00	50.00	50.00	1.00	1.00	2															
-DET2-	011+67.52	011+67.52	LT			187.50	013+51.78	011+67.52	8.00	10.00	50.00	50.00	1.00	1.00		2														
-DET2-	012+55.76	012+55.76	RT			100.00	012+55.76	012+55.76	8.00	10.00	50.00	50.00	1.00	1.00		2														
-DIXIE-	010+54.70	011+54.70	RT	100.00			010+54.70	011+51.60	4.00	7.00	6.25	6.25	0.00	0.00				2												
-Y3-	014+58.85	016+71.35	RT	212.50			015+58.85	016+67.23	2.75	8.00	50.00	6.25	1.00	0.00	1			1												
-L-	033+65.42		LT	25.00																			2							BARRICADE AT DEAD END ROAD
-L-	045+77.44		LT	25.00																			2							BARRICADE AT DEAD END ROAD
-L-	046+23.18		RT	25.00																			2							BARRICADE AT DEAD END ROAD
-L-	186+74.38		RT	37.50																			2							BARRICADE AT DEAD END ROAD
SUBTOTAL				**9987.50**	**100.00**	**287.50**									**17**	**4**	**0**	**14**	**2**	**11**	**0**	**0**	**8**	**0**	**2**					

LESS ANCHORS

ANCHOR	DEDUCTION	NUMBER	TOTAL
GRAU-350	50.00	17	850.00
TEMP GRAU-350	50.00	4	
M-350	37.50	0	0.00
CAT-1	6.25	14	87.50
AT-1	6.25	2	12.50
Type III	18.75	11	206.25
XI MOD	25.00	0	0.00
ATTENUATOR, TYPE 350	50.00	2	100.00

PROJECT TOTAL				**8731.25**	**100.00**	**87.50**	**ADDITIONAL GUARDRAIL POSTS**			**=**	**10**				**17**	**4**	**0**	**14**	**2**	**11**	**0**	**0**	**8**	**0**	**2**					
			SAY	**8737.50**	**100.00**	**87.50**																								