1026698

COMPUTED BY: WHY DATE: 10-04
CHECKED BY: SDK DATE: 11-04

"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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2552B	3-K

GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH STRAIGHT	LENGTH SHOP CURVED	LENGTH DOUBLE FACED	WARRANT POINT APPROACH END	WARRANT POINT TRAILING END	"N" DIST. FROM E.O.L.	TOTAL SHOUL. WIDTH	FLARE LENGTH APPROACH END	FLARE LENGTH TRAILING END	W APPROACH END	W TRAILING END	ANCHORS GRAU 350	M-350	CAT-1	TYPE III	AT 1	TES	GRAU B-77			IMPACT ATTENUATOR TYPE 350 EA	G	NG				REMARKS
-L-	67+28.55	69+00.000	RIGHT	171.450			67+80.000	69+00.000	3.6	4.6	15.240	0	0.3	0	1		1													
-L-	68+28.800	69+20.240	LEFT	91.440			69+05.000	68+30.000	3.6	4.6	15.240	0	0.3	0	1		1													
-L-	71+96.490	78+25.140	RIGHT	628.650			71+35.000	78+21.859	3.6	4.6	15.240	0	0.3	0	1			1												
-L-	77+49.105	78+17.685	RT MEDIAN	68.580			BR. RT MEDIAN	BB 78+16.300	1.2	4.6	59.055	0	4.268	0		1		1												
-L-	72+24.510	78+03.630	LEFT	579.120			78+99.820	72+30.000	3.6	4.6	0	0	0	0			1	1												
-L-	78+48.551	86+06.741	LEFT	758.190			85+60.000	BB 78+49.525	3.6	4.6					1			1												
-L-	78+53.850	79+22.430	LT MEDIAN	68.580				78+54.496	1.2	4.6	59.055	0	4.268	0		1		1												
-L-	78+66.549	87+46.659	RIGHT	880.110			78+58.441	87+30.000	3.6	4.6	0	0	0	0			1	1												
-L-	91+07.080	92+82.340	RIGHT	175.260			91+60.00	92+29.000	3.6	4.6	15.240	0	0.3	0	1		1													
-L-	92+17.500	93+12.750	LEFT	95.250				92+17.500	3.6	4.6	15.240	0	0.3	0	1		1													
-L-	96+05.990	97+08.860	RIGHT	102.870				97+12.614	3.6	4.6	15.240	0	0.3	0	1			1												
-L-	96+35.468	97+15.478	RT MEDIAN	80.010				97+18.478	3.6	4.6	57.150	0	4.268	0		1		1												
-L-	97+97.616	98+92.866	LEFT	95.250			97+94.183		3.6	4.6	15.240	0	0.3	0	1			1												
-L-	97+91.350	98+67.550	LT MEDIAN	76.200			97+88.819		3.6	4.6	57.150	0	4.268	0		1		1												
-L-/-RP-A	-L- 103+71.440	-RP-A 1+00.970	RIGHT	232.410			103+20.000	0+97.132	3.6	4.6	15.240	0	0.3	0	1		1													
-RP-A	2+00.000	2+72.390	RIGHT	72.390			2+15.240	2+70.485	3.6	4.6	15.240	0	0.3	0	1		1													
-RP-D	1+26.081	2+63.241	LEFT	137.160			2+48.001	1+24.176	3.6	4.6	15.240	0	0.3	0	1		1													
-Y7-	12+85.729	13+84.789	RIGHT	99.060				13+88.240	2.4	3.4	15.240	0	0.3	0	1			1												
-Y7-	13+35.011	13+80.731	LEFT	45.720				13+84.420	2.4	3.4	15.240	0	0.3	0	1			1												
-Y7-	14+70.287	15+16.007	RIGHT	45.720				14+66.520	2.4	3.4	15.240	0	0.3	0	1			1												
-Y7-	14+66.061	14+96.541	LEFT	30.48	8.129			14+62.520	2.4	3.4	15.240	0	0.3	0				1	1											
-Y11-REV	13+43.561	14+38.811	RIGHT	95.250				14+43.757	2.4	3.4	15.240	0	0.3	0	1			1												
-Y11-REV	13+84.233	14+41.383	LEFT	57.150				14+43.757	2.4	3.4	15.240	0	0.3	0	1			1												
-Y11-REV	15+02.617	15+57.000	RIGHT	38.100	22.860		15+08.912		2.4	3.4	0	0	0	0				1	1											
-Y11-REV	15+05.189	15+57.000	LEFT	38.100	22.860		15+08.912		2.4	3.4	0	0	0	0				1	1											
-Y11-REV	18+14.655	18+67.995	RIGHT	53.340			18+74.680		2.4	3.4	15.240	0	0.3	0	1						1									SEE DETAIL SHEET 2-NN
-Y11-REV	18+70.514	18+90.084	LEFT	19.570			18+98.515	18+74.680	2.4	3.4	0	0	0	0							2									BETWEEN CONCRETE BARRIERS (SEE DETAIL SHEET 2-NN)
-Y11-REV	18+83.125	19+02.779	RIGHT	19.654			18+74.680	18+98.515	2.4	3.4	0	0	0	0							2									BETWEEN CONCRETE BARRIERS (SEE DETAIL SHEET 2-NN)
-Y11-REV	19+05.178	19+62.328	LEFT	57.150				18+98.515	2.4	3.4	0	15.240	0	0.3	1						1									SEE DETAIL SHEET 2-NN
-Y11-REV	23+57.848	25+82.638	RIGHT	224.790	18.378		24+00.000	25+50.000	2.4	3.4	15.240	15.240	0.3	0.3	1				1											
-Y11-REV	24+15.500	25+71.710	LEFT	156.210	19.050		25+30.000		2.4	3.4		15.240		0.3	1				1											
-Y13-REV	8+87.738	9+56.318	RIGHT	68.580			8+87.738	9+40.000	1.2	2.2	15.240	15.240	0.3	0.3	2															
-Y13-REV	9+00.000	9+57.150	LEFT	57.150			9+40.000	DR. RT.	1.2	2.2	15.240	15.240	0.3	0.3	2															
-Y11-	17+34.000		CL	7.620			17+34.000		-	-	-	-	-	-						2										BARRIER @ EXIST -Y11-
-Y11-	21+42.000		CL	7.620			17+34.000		-	-	-	-	-	-						2										BARRIER @ EXIST -Y11-
			SUB TOTAL	5,434.074	91.277										24	4	9	18	5	4	6									
		R-2552B PROJECT TOTAL		4,869.18	81.75		ADDITIONAL GUARDRAIL POSTS R-2552B		10 EA						24	4	9	18	5	4	6									
		R-2552C PROJECT TOTAL		9,448.80	22.86		ADDITIONAL GUARDRAIL POSTS R-2552C		10 EA						32	11	22	26		12	2			4						
		COMBINED PROJECT TOTAL		14,317.98	104.61		ADDITIONAL GUARDRAIL POSTS TOTAL		20 EA						56	15	31	44	5	16	8			4						

ANCHOR UNIT DEDUCTIONS		
GRAU-350	(15.240 X 24)	365.760
M-350	(11.430 X 4)	45.720
CAT-1	(1.905 X 9)	17.145
TYPE III	(5.715 X 18)	102.870
AT-1	(1.905 X 5)	9.525
TYPE B-77	(6.020 X 6)	36.120
	SUB TOTAL	577.140

	-567.615	-9.525

29-MAR-2005 07:02
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