COMPUTED BY: DJC DATE: 1/10/16
CHECKED BY: KP DATE: 1/13/16

PROJECT REFERENCE NO.	SHEET NO.
R-5752	3B-2

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

"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

GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS									IMPACT ATTENUATOR TYPE 350					REMOVE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	CAT-1	B-77	GREU TL-3							NO.	PERMITTED G	PERMITTED NG				
-L-	33+50.00	37+35.06	RT																										385	
-L-	33+50.00		RT												1															ATTACH CAT-1 TO END OF EXISTING GUARDRAIL
-L-	66+54.61	84+19.00	RT																										1765	
-L-	82+69.03	84+19.00	RT	150.00													1													EXTEND EXISTING GUARDRAIL AND ATTACH GRAU TYPE 350
-L-	54+22.76		CL				54+87.51																	1	X					
-L-	54+43.76	54+87.51	LT	43.75			54+87.51									1														
-L-	54+43.76	54+87.51	RT	43.75			54+87.51									1														
-L-	55+25.69	55+69.43	LT	43.75			55+25.69									1														
-L-	55+25.69	55+69.43	RT	43.75			55+25.69									1														
-L-	55+69.43		CL				55+25.69																	1	X					
-Y-	27+28.58	29+41.08	RT	212.50			29+41.08		6	9	50		1			1	1													
-Y-	28+65.64	29+53.14	LT	87.50			29+53.14		6	9	50		1			1	1													
-Y-	31+25.32	32+12.82	RT	87.50			32+12.82		6	9	50		1			1	1													
-Y-	31+37.38	33+49.88	LT	212.50			33+49.88		6	9	50		1			1	1													
			TOTAL	925											1	8	5							2						
			LESS ANCHOR DEDUCTIONS																											
			8 B-77 @ 18.75	150																										
			5 GREU TL-3 @ 50	250																										
			TOTAL	525											1	8	5							2					2150	
			SAY	525											1	8	5							2					2150	
			ADDITIONAL GUARDRAIL POSTS	10																										

9/16/99
invalid expression
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