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

PROJECT REFERENCE NO.	SHEET NO.
R-5749	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 AND RESET EXISTING GUARDRAIL	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-	70+84.68	72+78.18	LT	193.75					11	14	50		1		1		1											118	
-L-	70+92.97	73+61.72	RT	268.75					12	15	50		1		1		1											130	
-Y-	27+24.34	29+12.71	RT																									266	
-Y-	26+78.40	28+90.90	RT	212.50			28+90.90		6	9	50		1			1	1												
-Y-	28+06.20	28+93.70	LT	87.5			28+93.70		6	9	50		1			1	1												
-Y-	31+10.90	31+98.40	RT	87.5			31+10.90		6	9	50		1			1	1												
-Y-	31+13.70	33+26.20	LT	212.50			31+13.70		6	9	50		1			1	1												
			TOTAL	1062.5											2	4	6												
			LESS ANCHOR DEDUCTIONS																										
			2 CAT-1 @ 6.25	12.5																									
			4 B-77 @ 18.75	75																									
			6 GREU TL-3 @ 50	300																									
			TOTAL	675											2	4	6											514	
			SAY	675											2	4	6											514	
			ADDITIONAL GUARDRAIL POSTS	10																									

9/16/99
invalid expression
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