12/06/07

COMPUTED BY: GTJ DATE: 5/26/2015
CHECKED BY: TM DATE: 5/26/2015

PROJECT REFERENCE NO.	SHEET NO.
R-5605	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 SHOUL. WIDTH	FLARE LENGTH		W		ANCHORS								IMPACT ATTENUATOR TYPE 350			SINGLE FACED GUARDRAIL	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GRAU 350	M-350	TYPE III	CAT-1	B-77	SHOP CURVE TYPE III	AT-1	EA	G	NG				
-L-	15+00.00	17+50.00	LT	250			17+50	15+00	12	12			1				1			1									
-L-	16+25.00	18+50	RT	225			16+50	18+50	12	12			1				1			1									
-L-	31+21.50	36+12.25	LT	490.75				BRIDGE	12	16	37.5								1	1									
-L-	34+63.25	36+12.25	RT	149			BRIDGE		7.5	11.5	50		1				1		1										
-L-	34+75.50	36+12.25	RT	136.75			BRIDGE		2	2	37.5		4					1			1								
-L-	35+00.75	36+12.25	LT	111.5				BRIDGE	2	2		37.5		4				1			1								
-L-	37+34.00	38+90.50	LT	156.5			BRIDGE		7.5	11.5	50		1				1		1										
-L-	37+34.00	38+71.00	LT	137					2	2	37.5		4					1			1								
-L-	37+34.00	38+45.50	RT	111.5				BRIDGE	2	2		37.5		4				1			1								
-L-	48+75.75	50+42.00	RT	166.25			BRIDGE		7.5	11.5	50		1				1		1										
-L-	48+99.25	50+42.00	RT	142.75			BRIDGE		2	2	37.5		4					1			1								
-L-	49+21.50	50+42.00	LT	120.5				BRIDGE	7.5	11.5									1	1									
-L-	49+24.50	50+42.00	LT	117.5				BRIDGE	2	2		37.5		4				1			1								
-L-	51+24.00	51+62.50	RT	165	35			BRIDGE	7.5	11.5							1					1							
-L-	51+24.00	51+54.00	LT	157	35		BRIDGE		7.5	11.5	50		1				1					1							
-L-	51+41.25	51+50.25	CL		28																	1							
																	7	6	5	4	6	3							
		SUBTOTAL		2637	98																								
	LESS ANCHORS																												
	GRAU-350	7@50FT	350																										
	M-350	6@37.5FT	225																										
	TYPE III	8@18.75FT	150																										
	CAT 1	4@6.25FT	25																										
	B-77	6@18.75FT	112.50																										
	ANCHOR TOTALS		862.5																										
		DEDUCTION FOR GUARDRAIL ANCHORS:		-806.25	-56.25																								
		GRAND TOTAL:		1830.75	41.75																								
		SAY:		1850	50																								
		ADDITIONAL POSTS:		10																									

PLANS PREPARED BY :

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FOR
DIVISION OF HIGHWAYS