COMPUTED BY:	DPP	DATE:	9/25/13
CHECKED BY:	ACC	DATE:	5/26/15

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
R-2915A	3B-1

"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

GUARDRAIL SUMMARY

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		DOUBLE FACED CONCRETE BARRIER	SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	CONCRETE BARRIER TRANSITION SECTIONS EACH	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	25' CLEAR SPAN	AT-1	GRAU 350 TL-3	GRAU 350 TL-2	B-77	CAT-1	TYPE III	TEMP. 350 TL-3	G	NG					
-RPC-	8+77.02	-L- 10+08.09	RT	1075			9+52	10+08.09	12	15	50		1				1		1										
-LPC-	8+68.40	-L- 10+37.17	LT	887.5			-L- 10+37.17	8+68	2	10									1	1									
-Y1-	29+75.08	-RPB- 18+90.23	LT	1275	212.5		-RPB-17+87	29+75	12	15	50		1				1			1							236		
-Y1-	18+46.71	50+80	MEDIAN				18+46.71	50+80																2	3063.29		250	2	MEDIAN PIER PROTECTION
-Y1-	44+09.25	44+15.50	RT	106.25													1			1							105		
-RPB-	10+64.11	11+56.48	RT	93.75			10+64.11				50		1				1		1							375			
-SR2-	20+50.52	28+44.34	RT	800			20+51	28+56	2	7	50	50	1	1			2					2					100		SEE TMP PLANS FOR TEMP. TL-3 350 LOC.
-L-	12+20.17	21+87.34	LT	962.5			12+24	21+87	12	15	50		1				1		1										
-L-	11+91.09	14+16.22	RT	225			11+94.52	14+16	12	15									1	1									
-L-	23+43	25+85	Lt Med	200			24+64		6	12														2					MEDIAN SIGN PROTECTION
-L-	23+43	25+85	RtMed	200			24+64		6	12																			TIE GUARDRAIL TO ATTENUATORS
-L-	34+43.86	39+47.84	LT	525			38+22	34+44	8	11	50		1				1			1									
-L-	39+84.10	50+56.40	LT	1025	125		41+43	39+84	8	11	50		1				1			1									
-L-	51+10.82	56+76.47	LT	562.5			55+51	50+98	8	11	50		1				1			1									
-L-	64+00.00	66+80	RT	281.25	50		66+17	66+80	8	11	50	6.25	1	4	1	1	1												USE STD. 862.01, SHEET 10 of 12 AT CULVERT
-L-	65+43.61	68+00.13	LT	275			66+75	65+56	8	11	50		1		1		1			1									USE STD. 862.01, SHEET 10 of 12 AT CULVERT
-L-	79+84.75	81+55.19	LT	175			81+09	79+85	8	11	50		1				1			1									
-L-	89+56.17	96+45.00	LT	600	112.5		98+53	89+44	8	11	50		1				1			1									
-L-	97+05.00	99+86.25	LT	187.5					8	11	50		1				1			1									
-L-	100+30.00	-Y5- 17+90.84	LT	1012.5	100		108+95	100+17	8	11	50		1				1			1									
-L-	-Y5- 17+81.92	113+00.00	LT	325	125		112+25	110+62	8	11	50	50	1	1			2												
-DR2-	11+03.05	12+76.29	RT		175				4	7	6.25	6.25	4	4		2													
-L-	120+46.47	124+89.91	LT	437.5			123+64	120+47	8	11	50		1				1			1									
-L-	125+22.90	-DR1- 11+74.22	LT	1350	162.5		138+30	125+23	8	11	6.25		4			1				1									
-L-	-DR1- 11+80.21	149+73.16	LT	1000	50		148+48	139+70	8	11	50	6.25	1	4		1	1												
-Y7-	11+65.52	14+00.00	RT	87.5	150		13+99	11+90	4	7	25	25	0.5	0.5				2											
-Y7-	15+96.09	18+56.30	LT	262.5							25	25	0.5	0.5				2											
-L-	149+19.18	150+84.41	RT	125			150+84	149+19	8	11	25	25	0.5	0.5				2											
-L-	156+88.57	158+63.57	LT	175			158+63	156+89	8	11	50		1				1			1									
-L-	158+96.13	160+01.83	LT	100				158+96	8	11										1									
			PROJECT TOTALS	**14,331.25**	**1262.50**										2	5	21	6	5	16		2		4	3063.29	375	691	2	
		LESS ANCHOR DEDUCTIONS																											
		GRAU-350 TL-3	21 @ 50 ft.	1040																									
		B-77	5 @ 18.75 ft.	93.75																									
		CAT-1	16 @ 6.25 ft.	100																									
		AT-1	5 @ 6.25 ft.	31.25																									
		GRAU-350 TL-2	6 @ 25 ft.	150																									
		25' CLEAR SPAN	2 @ 100 ft.	200																									
			SUBTOTAL	**1615**																									
			GRAND TOTALS	**12,716.25**	**1262.50**																								
			SAY	**12,800.00**	**1262.50**																								
		ADDITIONAL GUARDRAIL POSTS		10 EA.																									