RAL-CND

COMPUTED BY:	P. ROGERS	DATE:	3-18-14
CHECKED BY:	N. BEDENBAUGH	DATE:	5-27-14

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
U-2579B	3B-5

"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		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GRAU 350	TES		M-350	B-77	CAT-1		TYPE III	AT-1	G	NG				
-L-	500+25.67	510+81.92	LT	1056.25			509+31.92	500+31.92	14	17	50		1		1					1									
	(=Y1RPA 12+76.87)																												
-L-	521+50.75	533+07.00	LT	1156.25			531+00.00	521+57.00	14	17	50		1		1					1									
							(Sign Supp.)																						
-L-	533+70.57	534+13.52	268.5' LT	25.00												2													
-L-	549+09.55	555+72.05	LT	662.50			555+72.05	549+05.00	14	17									1	1									
		(Bridge)					(Bridge)	(DMS)																					
-L-	554+72.24	554+96.18	218.5' LT	25.00												2													
-L-	557+97.95	582+74.68	LT	2487.50			582+74.68	557+97.95	14	17									2										
	(Bridge)	(Bridge)		(2476.73)			(Bridge)	(Bridge)																					
-L-	585+44.48	607+18.50	LT	2175.00				585+44.48	14	17									2										
	(Bridge)	(=Y4CD 11+19.00)		(2174.02)				(Bridge)																					
-L-	622+51.81	622+98.18	271.0' LT	25.00												2													
-L-	630+45.68	632+64.43	LT	218.75				630+45.68	12	15	37.5		4					1	1										
	(Bridge)							(Bridge)																					
-L-	638+76.14	641+62.33	LT	287.50			638+84.50	641+62.33	14	17									1	1									
		(Bridge)					(Sign Supp.)	(Bridge)																					
-L-	643+77.90	646+84.15	LT	306.25				643+77.90	14	17	50		1		1				1										
	(Bridge)							(Bridge)																					
-L-	647+09.45	651+03.20	LT	393.75			649+57.80	647+01.01	14	17	50		1		1					1									
-L-	651+28.50	654+93.25	LT	364.75			652+94.00	651+27.23	14	17	175		8							1					1				
-L-	478+00.00	480+87.50	LT-MED	287.50			479+37.50		12	12	50		1		1														
-L-	481+08.48	536+02.23	LT-MED	5493.75			534+57.08		12	12	50		1		1					1									
-L-	536+23.18	555+73.18	LT-MED	1950.00			555+73.18	536+31.25	12	12									1	1									
		(Bridge)					(Bridge)																						
-L-	557+96.82	582+78.78	LT-MED	2487.50			582+78.78	557+96.82	12	12									2										
	(Bridge)	(Bridge)		(2481.96)			(Bridge)	(Bridge)																					
-L-	585+60.08	606+78.83	LT-MED	2118.75				585+60.08	12	12	50		1		1				1										
	(Bridge)							(Bridge)																					
-L-	607+03.11	627+15.61	LT-MED	2012.50			627+15.61	607+18.67	12	12									1	1									
		(Bridge)					(Bridge)																						
-L-	630+24.61	641+68.35	LT-MED	1150.00			641+68.35	630+24.61	12	12									2										
	(Bridge)	(Bridge)		(1143.74)			(Bridge)	(Bridge)																					
-L-	643+84.71	651+15.96	LT-MED	731.25				643+84.71	12	12	50		1		1				1										
	(Bridge)							(Bridge)																					
-L-	651+39.23	692+32.98	LT-MED	4093.75				651+36.26	12	12										1									
-L-	499+75.61	511+94.36	RT	1218.75			501+00.61		14	17	50		1		1					1									
	(=Y1RPD 13+22.77)																												
-L-	520+50.14	531+06.39	RT	1056.25			522+00.14	533+00.00	14	17	50		1		1					1									
								(Sign Supp.)																					
-L-	536+97.84	537+30.03	224.0' RT	25.00												2													
-L-	552+54.26	555+73.01	RT	318.75			553+81.25	555+73.01	14	17	50		1		1				1										
		(Bridge)						(Bridge)																					
-L-	557+97.00	582+55.98	RT																							2459			
	(NWL1 10+00)	(NWL1 34+26)																											
-L-	564+89.88	565+30.86	266.2' RT	25.00												2													
-L-	586+05.54	609+68.44	RT																							2363			
	(NWL2 10+00)	(NWL2 33+60)																											
-L-	623+78.56	626+84.81	RT	306.25			626+12.25	626+84.81	14	17	50		1		1				1										
		(Bridge)						(Bridge)																					
-L-	643+95.47	645+32.97	RT	137.50			643+95.47	645+19.74	12	15									1	1									
	(Bridge)						(Bridge)																						
-L-	657+24.99	661+31.24	RT	406.25			658+74.90	661+24.99	14	17	50		1		1					1									
	(=Y4RPC 11+80.37)																												
-L-	664+75.23	669+31.48	RT	456.25			666+25.23	669+25.23	14	17	50		1		1					1									
-L-	685+20.48	692+32.98	RT	712.50			686+74.87		14	17	50		1		1														
-L-	478+00.00	499+56.25	RT-MED	2156.25				499+50.00	12	12										1									
-L-	499+78.06	555+71.81	RT-MED	5593.75			501+31.25	555+71.81	12	12	50		1		1				1										
		(Bridge)						(Bridge)																					
-L-	557+98.19	571+23.19	RT-MED	1325.00			557+98.19	571+15.40	12	12									1	1									
	(Bridge)						(Bridge)																						
-L-	571+48.81	582+80.06	RT-MED	1131.25				582+80.06	12	12	50		1		1				1										
		(Bridge)						(Bridge)																					
		SHEET TOTALS		**44377.25**	**0**										**17**	**10**		**1**	**22**	**17**		**0**	**0**	**0**	**1**	**4822**	**0**	**0**	