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-6

"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-	585+64.93	627+07.38	RT-MED	4150.00			627+07.38	585+64.93	12	12									2										
	(Bridge)	(Bridge)		(4142.45)			(Bridge)	(Bridge)																					
-L-	630+16.86	635+54.36	RT-MED	537.50			630+16.86	635+49.30	12	12									1	1									
	(Bridge)						(Bridge)																						
-L-	635+76.82	641+70.57	RT-MED	593.75			637+15.68	641+70.57	12	12	50		1		1				1										
		(Bridge)						(Bridge)																					
-L-	643+87.21	646+62.21	RT-MED	275.00			643+87.21	646+49.01	12	12									1	1									
	(Bridge)						(Bridge)																						
-L-	646+82.98	692+32.98	RT-MED	4550.00					12	12	50		1		1														
-Y1-	18+18.75	25+25.00	LT	706.25			23+75.00	18+25.00	10	13	50		1		1					1									
-Y1-	35+16.99	37+48.24	LT	231.25			36+50.00	35+16.49	6	9	50		1		1				1										
	(Bridge)						(Sign Supp.)	(Bridge)																					
-Y1-	41+36.78	44+86.78	LT	350.00			43+86.78		10	13	50		1		1														
	(=Y1RPD 32+49.50)																												
-Y1-	19+44.50	21+94.50	RT	250.00			20+44.50		10	13	50		1		1														
		(=Y7 13+44.89)																											
-Y1-	22+67.61	32+98.86	RT	1031.25			32+99.11		10	13									1										
	(=Y7 13+44.89)	(Bridge)					(Bridge)																						
-Y1-	35+32.61	45+82.61	RT	1050.00				45+82.11	10	13									1	1									
	(Bridge)																												
-Y1RPA-	21+38.51	21+87.29	196.6' RT	25.00												2													
-Y1RPA-	27+25.00	28+06.25	LT	81.25				28+00.00	12	15	50		1		1					1									
								(Sign Supp.)																					
-Y1RPA-	27+25.00	28+06.25	RT	81.25				28+00.00	12	15	50		1		1					1									
								(Sign Supp.)																					
-Y1RPD-	17+63.08	19+44.33	LT	181.25			18+63.76	17+63.76	12	15	50		1		1					1									
-Y1RPD-	26+09.38	26+42.51	190.5' LT	25.00												2													
-Y1RPD-	29+65.92	32+49.50	LT	231.25	112.5			29+72.17	12	15										1									
-Y1LPA-	18+70.00	19+51.25	RT	81.25							50		1		1					1									
-Y2-	18+05.60	18+99.35	LT	93.75			18+99.35		7.5	11	50		1		1				1										
		(Bridge)					(Bridge)																						
-Y2-	21+28.35	23+59.60	LT	231.25			21+28.35		8	11	50		1		1				1										
	(Bridge)						(Bridge)																						
-Y2-	16+91.85	19+10.60	RT	218.75				19+10.60	3	6	50		1		1				1										
		(Bridge)						(Bridge)																					
-Y2-	21+39.60	22+33.35	RT	93.75			21+39.60		3	6	50		1		1				1										
	(Bridge)						(Bridge)																						
-Y4CD-	11+18.96	30+48.48	LT																							1930			
	(NWL3 10+00)			1575.00			25+11.86																						
				(1573.42)																									
-Y4CD-	34+79.05	37+10.30	LT	231.25				34+79.05	12	15	50		1		1				1										
	(Bridge)							(Bridge)																					
-Y4CD-	42+96.80	45+71.80	LT	275.00			45+71.80	43+00.00	12	15	118.75		2						1	1									
		(Bridge)					(Bridge)	(Sign Supp.)																					
-Y4CD-	47+87.85	49+56.60	LT	168.75				47+87.85	10	13	50		1		1				1										
	(Bridge)							(Bridge)																					
-Y4CD-	67+87.21	73+82.21	LT																							595			
-Y4CD-	73+82.21	76+88.46	LT	306.25			73+82.21		12	15	50		1		1				1										
-Y4CD-	92+56.81	96+00.56	LT	343.75			95+00.56		14	17	50		1		1					1									
-Y4CD-	34+68.43	36+62.18	RT	193.75				34+68.43	4	7		37.5		4				1	1										
	(Bridge)							(Bridge)																					
-Y4CD-	42+89.29	45+76.79	RT	287.50			43+00.00	45+76.79	6	6									1	1									
		(Bridge)					(Sign Supp.)	(Bridge)																					
-Y4CD-	47+93.50	58+87.25	RT	1093.75				47+93.50	12	15									1										
	(Bridge)							(Bridge)																					
-Y4-	25+00.00	28+87.50	LT	387.50				26+50.00(DMS)			50		1		1												50.00		
-Y4-	33+76.50	35+64.74	LT																								188.24		
-Y4-	39+15.72	47+92.46	LT																								876.74		
-Y4-	40+25.99	47+32.24	LT	706.25			45+82.24	40+32.24	12	15	50		1		1					1									
-Y4-	52+56.07	55+71.46	LT																								315.39		
-Y4-	63+19.56	67+71.42	LT																								451.86		
-Y4-	71+04.95	75+32.18	LT																								427.23		
-Y4-	85+70.31	95+18.80	LT																								948.49		
-Y4-	89+46.63	94+40.38	LT	493.75			92+90.28	89+52.78	19.5	23	50		1		1					1									
-Y4-	104+14.76	109+29.53	LT																								514.77		
-Y4-	112+92.50	114+86.25	LT	193.75				113+00.00	12	15	50		1		1					1									
								(Sign Supp.)																					
-Y4-	117+25.85	119+91.87	LT																								266.02		
-Y4-	127+27.43	147+28.70	LT																								2001.27		
-Y4-	127+93.50	146+76.26	LT																							1883			
-Y4-	146+76.24	147+32.49	LT	56.25			146+76.24		12	15									1										
-Y4-	26+80.00	43+05.00	LT-MED	1625.00					6	6	50		1		1														
-Y4-	26+80.00	42+60.13	LT-MED																								1580.13		
-Y4-	42+93.33	50+62.50	LT-MED																								769.17		
-Y4-	43+26.00	115+07.25	LT-MED	7181.25					6	6	50		1		1					1									
-Y4-	50+92.45	123+06.06	LT-MED																								7213.61		
-Y4-	115+31.25	143+00.00	LT-MED	2768.75					6	6	50		1							1									
		SHEET TOTALS		**32956.25**	**112.50**										**24**	**4**		**1**	**20**	**17**		**0**	**0**	**0**	**0**	**4408**	**15602.92**	**0**	