RD244542

COMPUTED BY:	DAP	DATE:	2/26/2014
CHECKED BY:	STS	DATE:	

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
W-5107	3B-2

"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		MEDIAN HAZARD PROTECTION	REMOVE EXISTING GUARDRAIL	DOUBLE FACED CONCRETE BARRIER	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	B-83	CAT-1	TES	AT-1	B-77	G	NG				
-L-	27+85.00	31+85.00	LT.	400.0'			31+85.00		10'	13'	50'		1'				1										391.0'		
-Y1LPC- / -L-	14+35.00	30+60.70	RT.	525.0'			13+60.00	30+60.70	10'	14'/13'	50'						1			1							728.0'		
-L-	32+55.10	32+95.60	MED.	125.0'					20'	23'	37.5		2.28'										2		1	200.0'			BARRIER TO HAVE AESTHETIC COATING
																													APPLIED(SEE PROVISIONS)
-L-	65+29.00	139+93.20	MED.	7462.5'					10'	13'							2								1				
-L-	33+96.30	63+58.80	MED.	5925.0'					6'	9'													2		1				
-L-	65+38.00	115+63.00	MED.	1050.0'					6'	9'													2		1	90.0'			BARRIER TO HAVE AESTHETIC COATING
-L-	116+05.00	139+92.50	MED.	4775.0'					6'	9'							2												APPLIED(SEE PROVISIONS)
-SR1-	18+00.00		LT.	25.0'																	2								
-SR1-	10+73.01	17+35.51	RT.	662.5'			14+19.86	14+85.85	4'	7'							2										203.0'		
-Y1- /	21+00.00	16+35.00	RT.	825.0'			22+00.00		10'	13'	50		1'				1			1									
-Y1RPD-																													
-Y1-	21+34.66	27+34.66	LT.	600.0'				21+34.66	8'	11'										1			1						
-Y1-	26+52.69	28+08.94	RT.	156.25'			BRIDGE		8'	11'	50		1'				1						1						
-Y1-	31+06.94	34+13.19	RT.	306.25'				34+13.19	8'	11'										1			1						
-Y1-	30+32.66	34+88.91	LT.	456.25'			33+88.91		8'	11'	50		1'				1						1						
-SR2-	27+65.00		END	25.0'																	2								
-SR2-	12+24.17	20+36.67	LT.	812.5'			11+49.17	19+99.17	4'	7'	50'	50'	1'	1'			2												
-Y6-	18+60.44	22+54.19	LT.	393.75'				18+60.44	8'	11'										1			1						
-Y6-	17+22.96	22+66.71	RT.	543.75'			18+00.00		8'	11'	50'		1'				1						1						40 ADD. POSTS FOR WALL
-Y6-	24+62.71	30+31.46	RT.	568.75'				22+66.71	8'	11'										1			1						
-Y6LPB- /	14+73.60	24+50.19	LT.	831.5'	133.0'		15+73.60		8'	11'	50'						1						1						
-Y6-																													
-SR4-	12+35.00		Rrt.	25.0'																	2								
-L-	117+25.00	122+00.00	RT.	475.0'			119+50.00	12200	10'	13'	50		1'				1			1									
	SUBTOTAL			26969.0'	133.0'												16			7	6		14		4	290.0'	1322.0'		
		ANCHOR DEDUCTIONS																											
	GRAU-350	16 @ 50'	=	800.0'																									
	CAT-1	7 @ 6.25'	=	43.8'																									
	B-77	14 @ 18.75'	=	262.5'																									
	TOTAL ANCHOR DEDUCTIONS			1106.3'																									
	TOTAL			25862.7'	133.0'																								
	SAY			**25875.0'**	**137.5'**												**ADDITIONAL GUARDRAIL POSTS 50 EACH(40 FOR WALL)**												