COMPUTED BY:	LHM	DATE:	10/23/12
CHECKED BY:	SLK	DATE:	11/1/12

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
U-3615B	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 BEGIN

GUARDRAIL SUMMARY

G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			LENGTH TEMPORARY		WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS								IMPACT ATTENUATOR TYPE 350			REMOVE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	STRAIGHT	SHOP CURVED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	TYPE III	GRAU 350	B-77		AT-1	CAT-1	GRAU-350 TEMP	CAT-1 TEMP	EA	G	NG		
-L-	179+50.00	17+50.00 (-Y30-)	LT.	281.25	50.00				18+00.00(-Y30-)	179+50.00	12' FROM FOC	14' BERM	50	0	1	0		1				1							
-L-	18+00.00 (-Y30-)	185+50.00	LT.	431.25	50.00				185+00.00	18+00.00(-Y30-)	12' FROM FOC	14' BERM	50	0	1	0		1			1								
-L-	200+56.25	204+00.00	LT.	343.75					203+50.00	200+56.25	12' FROM FOC	14' BERM	50	0	1	0		1				1							
-L-	201+50.00	203+50.00	RT.	187.50	12.50				202+00.00	203+50.00	12' FROM FOC	14' BERM	0	0	0	0					1	1							
-L-	219+43.75	222+50.00	LT.	306.25					222+00.00	219+43.75	12' FROM FOC	14' BERM	50	0	1	0		1				1							
-L-	223+00.00	226+06.25	LT.	306.25					225+50.00	223+00.00	12' FROM FOC	14' BERM	50	0	1	0		1				1							
-L-	230+08.66	233+71.16	LT.	362.50					233+71.16	230+58.66	12' FROM FOC	14' BERM	50	0	4	0	1					1						678	
-L-	230+96.05	233+27.30	MEDIAN RT.	231.25					231+46.05	233+27.30	@ FOC	VAR.	50	0	1	0		1	1										
-L-	234+90.16	237+28.02	LT.	237.86					237+28.02	234+90.16	VAR.	VAR.	50	50	0	0	2												
-L-	234+54.52	235+88.37	MEDIAN LT.	133.85					235+67.37	234+54.52	VAR.	VAR.	0	100	0	0			1						1		X		
-L-	234+37.43	235+88.37	MEDIAN RT.	150.94					234+37.43	235+67.37	VAR.	VAR.	112.5	0	0	0			1										
-L-	231+00.17	232+87.67	RT.	187.50					231+50.17	232+87.67	14	16	50	0	1	0	1	1										243	
-L-	233+93.22	11+31.00 (-Y34-)	RT.	200.00	75.00				233+93.25	11+31.00(-Y34-)	14	16	50	0	1	0	1				1								
-L-	12+00.00 (-Y34-)	237+28.00	RT.	181.25	25.00				11+50.00 (-Y34-)	237+28.00	14	16	50	0	1	0	1	1											
-L-	232+99.00	11+20.00 (-Y34-)	RT.																									428	
-Y34-	11+42.00	14+66.00	RT.																									316	
-Y34-	14+66.00	237+46.00 (-L-)	LT.																									539	
-L-	239+38.00	243+00.50	RT.	312.50	50.00				239+38.00	243+00.50	12' FROM FOC	14' BERM	50	0	4	0	1					1						338	
-L-	239+38.00	11+00.00 (-Y35-)	LT.	468.75	62.50				11+50.00	239+38.00	12' FROM FOC	14' BERM	50	50	1	4	1	1										302	
-L-	264+50.00	267+43.75	LT.	293.75			293.75		266+93.75	264+50.00	12' FROM FOC	14' BERM	50	0	1	0		1				1	1	1					
-L-	265+00.00	267+56.25	RT.	256.25					265+50.00	267+56.25	12' FROM FOC	14' BERM	50	0	1	0		1				1							
-L-	273+00.00	276+56.25	RT.	356.25					273+50.00	276+56.25	12' FROM FOC	14' BERM	50	0	1	0		1				1							
-L-	314+50.00	316+93.75	RT.	243.75					315+00.00	316+93.75	12' FROM FOC	14' BERM	50	0	1	0		1				1							
-L-	331+50.00	333+43.75	RT.	193.75					332+00.00	333+43.75	12' FROM FOC	14' BERM	50	0	1	0		1				1							
			SUBTOTAL	5666.40	325.00		293.75										8	14	3		3	12	1	1	1			2844	
		DEDUCT FOR ANCHOR UNITS:																											
		GRAU-350	14 X 50'	-700.00			-50.00	TEMP GRAU-350 1 X 50'																					
		CAT-1	12 X 6.25'	-75.00			-6.25	TEMP CAT-1 1 X 6.25'																					
		TYPE III	8X 18.75'	-150.00																									
		AT-1	3 X 6.25'	-18.75																									
		B-77	3 X 18.75'	-56.25																									
			TOTAL	4666.40	325.00		237.50																						
			SAY	4675.00	325.00		237.50																						
			ADDITIONAL GUARDRAIL POSTS - SAY 10																										