COMPUTED BY: JCL DATE: 10/30/14
CHECKED BY: PHS DATE: 1/7/2015

PROJECT REFERENCE NO.	SHEET NO.
R-3622B	3B-2

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS									IMPACT ATTENUATOR TYPE 350						REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	TYPE 350	AT-1	CAT-1							NO.	PERMITTED G	PERMITTED NG				
-L-	11+35.00	10+87.56 -DR1-	LT	1212.5'	75'		11+00.00 -DR1-	11+50.00	8'	11'	50'		1'		1		1													
-L-	23+50.00	33+50.00	LT	1000'			23+50.00	32+50.00	8'	11'	50'	50'	1'	1'	2															
-L-	38+25.00	47+75.00	LT	950'			47+50.00	39+25.00	8'	11'		50'		1'	2															
-L-	48+30.00	50+50.00	LT	187.5'	25'		50+50.00	48+30.00	8'	11'		50'		1'	1	1														
-L-	57+80.00	63+80.00	LT	600'			63+80.00	57+80.00	8'	11'	50'	50'	1'	1'	2															
-L-	71+00.00	76+70.00	LT	525'	81.25'		75+50.00	71+00.00	8'	11'	50'		1'		1	1														
-L-	87+85.00	89+65.00	LT	162.5'	43.75'		89+25.00	88+50.00	8'	11'		50'		1'	1	1														
-L-	95+71.00	98+71.00	LT	300'			96+69.00	96+27.00	8'	11'	50'	50'	1'	1'	2															
-L-	70+63.00	11+30.00 -Y2-	RT	787.5'	50'		11+30.00 -Y2-	71+50.00	8'	11'	50'	50'	1'	1'	2															
-L-	95+60.00	98+23.00	RT	262.5'			96+80.00	97+70.00	8'	11'	50'	50'	1'	1'	2															
-L-	105+50.00	117+00.00	RT	1150'			106+00.00	116+00.00	8'	11'	50'	50'	1'	1'	2															
-DR7-	11+00.00	12+25.00	LT	125'			11+00.00	12+25.00	4'	7'							2													
			SUBTOTAL	7262.5'	275'										18	3	3													
		DEDUCTION FOR ANCHORS						ADDITIONAL GUARDRAIL POSTS @ 10 EACH																						
			AT-1 3@ 6.25'		-18.75'																									
			GRAU-350 18@ 50'	-900'																										
			CAT-1 3@ 6.25'	-18.75'																										
			PROJECT TOTAL	6343.75'	256.25'																									
			SAY	6350'	275'																									

TEMPORARY GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	STRAIGHT			APPROACH END WARRANT	TRAILING END WARRANT							TEMP. TYPE 350														
-L-	73+00.00	78+00.00	RT	500'			73+50.00	77+50.00							2														
-L-	95+75.00	98+50.00	LT	275'			95+75.00	98+50.00							2														
			SUBTOTAL	775'											4														
		LESS ANCHOR	DEDICATION																										
			GRAU-350 4@50'	-200'																									
			PROJECT TOTAL	575'											4														
			SAY	600'																									