COMPUTED BY: JRC DATE: 11/15/21
CHECKED BY: HDC DATE: 11/15/21

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
U-2729	3B-1

"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 SHOUL. WIDTH	FLARE LENGTH		W		ANCHORS						IMPACT ATTENUATOR TYPE 350			SINGLE FACED CONC. BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GREU TL-3	GREU TL-2	TYPE III	AT-1	CAT-1	B-77	EA	G	NG				
-L-	25+14.19	25+57.46	LT	37.50			25+50.00		14	14	6.25								1								
-L-	31+33.04	33+20.55	LT	175.00			30+73.50	BRIDGE	14	14							1										
-L-	31+35.00	33+09.01	RT	150.00			33+30.70	BRIDGE	14	14							1										
-RPA-	17+92.35	19+84.51	RT	150.00			18+00.00	19+50.00	4	6	50.00	6.25			1				1								
-LPA-	17+28.99	18+33.14	LT	50.00	74.19		21+50.00	22+00.00	12	14		6.25							1								
-Y4-	63+76.86	65+74.08	RT	125.00			49+50.00	50+50.00	12	14	50.00				1					1							
-Y4-	66+59.37	67+37.50	RT	50.00					12	14		6.25							1	1							
-Y4-	62+23.29	65+62.67	RT	316.98					12	14										1					713.12		
-Y4-	66+48.36	69+44.14	RT	272.50					12	14										1							
-Y4-	61+22.25	65+62.67	LT	417.60					12	14										1					324.52		
-Y4-	66+47.95	68+62.43	LT	191.75					12	14										1							
-Y4-	64+74.54	65+53.85	LT	50.00					12	14		6.25							1	1					329.23		
-Y4-	66+39.14	68+62.43	LT	100.00					12	14	50.00				1					1					39.51		
-L-	35+29.30	36+72.89	LT	125.00			BRIDGE	37+00.00	14	14							1										
-L-	48+98.50	50+59.39	RT	100.00			49+50.00	50+50.00	14	14					1				1								
-Y2-	11+51.06	11+86.62	RT	0	43.00				14	14		6.25						1									
-Y3A-	10+55.96	11+52.47	LT	12.50	90.70				12	14	25.00					1											
-LPB-	19+06.52	20+06.76	RT	12.50	55.39				14	14	50.00				1												
-Y4-	65+74	66+59	LT																					85			
-Y4-	65+63	66+48	LT																					85			
-Y4-	65+63	66+48	RT																					85			
-Y4-	65+30	67+00	RT																					170			
TOTALS				2,295.04	263.28						231.25	37.5			5	1	3	1	6	8				425			
ADDITIONAL GUARDRAIL POSTS:		5																									
DEDUCTIONS FOR ANCHOR UNITS																											
	GREU TL-3	5	50.00	-250.00																							
	GREU TL-2	1	25.00	-25.00																							
	TYPE III	3	18.75	-56.25																							
	AT-1	1	6.25	-6.25																							
	CAT-1	6	6.25	-37.50																							
	B-77	8	22.875	-183.00																							
	GRAND TOTAL			1,737.04	263.28										5	1	3	1	6	8					1,404.37		
		SAY		1,737.50	275.00										5	1	3	1	6	8					1,404.37		