COMPUTED BY:	MCP	DATE:	10/6/2023
CHECKED BY:	WET	DATE:	10/11/2023

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
HI-0017	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

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 TL-3		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	GREU TL-3	CAT-1	B-77						G	NG				
-I74EBL-	48+71.00	50+57.00	RT	185.375											1		1									185		
-I74EBL-	49+02.00	50+57.00	LT (MEDIAN)	160.375											1		1									157		
-I74EBL-	52+44.00	56+27.00	RT	383.250													2									377		
-I74EBL-	54+81.00	56+43.00	LT (MEDIAN)	160.375				MATCH EXISTING					MATCH EXISTING		1		1									158		
-I74EBL-	57+53.00	62+77.00	RT	529.125												1	1									520		
-I74EBL-	160+06.00	169+20.00	RT	910.375											1		1									908		
-I74EBL-	167+62.00	169+20.00	LT (MEDIAN)	172.875											1		1									164		
-I74EBL-	171+72.00	179+52.00	RT	779.125												1	1									777		
			SUBTOTAL	3280.875											5	2	9									3,246		
-I74WBL-	48+90.00	50+50.00	LT	166.625												1	1									162		
-I74WBL-	52+37.00	56+75.00	LT	420.750													2									419		
-I74WBL-	52+37.00	53+86.00	RT (MEDIAN)	160.375											1		1									151		
-I74WBL-	57+85.00	59+48.00	RT (MEDIAN)	160.375				MATCH EXISTING					MATCH EXISTING		1		1									159		
-I74WBL-	57+99.00	63+58.00	LT	572.875											1		1									561		
-I74WBL-	160+93.00	170+79.00	LT	1004.125												1	1									994		
-I74WBL-	173+33.00	181+58.00	LT	835.375											1		1									827		
-I74WBL-	173+33.00	174+33.00	RT (MEDIAN)	110.375											1		1									105		
			SUBTOTAL	3430.875											5	2	9									3,378		
-Y1-	126+07.00	128+80.00	LT	272.875											1		1									265		
-Y1-	126+29.00	129+90.00	RT	297.875				MATCH EXISTING					MATCH EXISTING		1		1									375		
-Y1-	133+80.00	137+84.00	LT	410.375											1		1									405		
-Y1-	135+06.00	138+28.00	RT	322.875											1		1									320		
			SUBTOTAL	1304.000											4		4									1,365		
LESS DEDUCTIONS FOR ANCHORS			GREU TL-3 (14@50')=	-700.00																								
			CAT-1 (4@6.25')=	-25.00																								
			B-77 (22@22.875')=	-503.25																								
			PROJECT TOTAL	6,787.5											14	4	22									7,989		
			SAY	6,787.5																								
ADDITIONAL GUARDRAIL POSTS = 15 EA.																												