COMPUTED BY: FAB	DATE: 08/10/23
CHECKED BY: JDB	DATE: 08/15/23

PROJECT NO.	SHEET NO.
I-5941	3B-1

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

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		CABLE GUIDERAIL RESET	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	TYPE III	Type B-77	Type B-83	TL-2	TL-3				
-I85NBL-	102+50.00	116+07.00	LT (MED)			1357.0	MATCH EXISTING OR AS DIRECTED BY THE ENGINEER						MATCH EXISTING OR AS DIRECTED BY THE ENGINEER										1357		TRANSITION TO EXIST GR
-I85NBL-	116+07.00	135+76.00	LT (MED)	1969.00												1							1969		
-I85NBL-	136+06.00	191+09.00	LT (MED)	5503.00											1	1							5503		
-I85NBL-	191+36.00	213+05.00	LT (MED)	2169.00											1				1				2169		
-I85NBL-	215+46.00	217+81.00	LT (MED)	235.00													1		1				235		
-I85SBL-	316+14.00	366+94.00	RT (MED)	5080.00											1	1							5080		
-I85SBL-	367+24.00	407+80.00	RT (MED)	4056.00											1	1							4056		
-I85SBL-	408+10.00	413+08.00	RT (MED)	498.00												1			1				498		
-I85SBL-	415+42.00	418+00.00	RT (MED)	258.00													1		1				258		
-I85NBL-	102+50.00	103+72.00	RT	122.00												1							122		TRANSITION TO EXIST GR
-I85NBL-	103+77.00	111+90.00	RT	813.00											1	1							813		
-I85NBL-	122+21.00	134+62.00	RT	1241.00											1	1							1241		
-I85NBL-	189+26.00	192+48.00	RT			322.00													2				322		
-I85NBL-	202+40.00	203+69.00	RT	129.00											1	1							129		
-I85NBL-	211+40.00	213+64.00	RT	224.00											1				1				224		
-I85NBL-	223+49.00	226+53.00	RT	304.00											1	1							304		
-I85NBL-	229+30.00	234+23.00	RT	493.00											1	1							493		
-I85SBL-	305+09.00	312+59.00	LT	750.00											1	1							750		
-I85SBL-	323+28.00	333+36.00	LT	1008.00											1	1							1008		
-I85SBL-	338+84.00	343+86.00	LT	502.00											1	1							502		
-I85SBL-	373+92.00	375+31.00	LT	139.00												1			1				139		
-I85SBL-	376+01.00	378+16.00	LT	215.00											1			1					215		
-I85SBL-	392+53.00	397+97.00	LT	544.00											1	1							544		
-I85SBL-	415+03.00	417+32.00	LT	229.00											1				1				229		
-I85SBL-	419+60.00	432+34.00	LT	1274.00											1								1274		
-NC147NB-	11+81.00	14+48.00	LT	267.00												1			1				267		
-NC147SB-	20+06.00	23+02.00	LT	296.00											1				1				296		
-NC147SB-	19+74.00	22+52.00	RT	278.00											1				1				278		
-CMRAMPA-	10+00.00	14+92.00	RT	492.00												1							492		
			SUBTOTAL	29088.00		1679.00																			
			LESS ANCHOR DEDUCTIONS																						
	GREU TL-3	19@50.00'	=	-950																					
	CAT-1	18@6.25'	=	-112.5																					
	TYPE III	2@18.75'	=	-37.5																					
	B-77	1@22.875'	=	-22.875																					
	B-83	12@25.0'	=	-250		-25	1 ON EACH SIDE OF DBL FACED (DEDUCT 1 ONLY)																		
			PROJECT TOTAL	**27715.13**		**1654.00**									**19**	**18**	**2**	**1**	**12**	**0**	**0**	**0**	**30767**		
			SAY	**27717**		**1654**																			

ADDITIONAL GUARDRAIL POSTS = 10 EA.

THE FOLLOWING EXISITNG BARRIER LOCATIONS TO REMAIN SHALL INCLUDE INSTALLATION OF NEW DELINEATORS IN ACCORDANCE WITH STANDARD DRAWINGS 1261.01 AND 1261.02.

-I85NBL-	168+38.00	189+26.00	RT																						EXIST CONC BARRIER
-I85NBL-	213+64.00	215+86.00	RT																						EXIST CONC BRIDGE RAIL
-I85NBL-	213+05.00	215+46.00	LT (MED)																						EXIST CONC BRIDGE RAIL
-I85NBL-	217+81.00	232+07.00	LT (MED)																						EXIST CONC BARRIER
-I85SBL-	375+31.00	376+01.00	LT																						EXIST CONC BARRIER
-I85SBL-	412+64.00	415+03.00	LT																						EXIST CONC BRIDGE RAIL
-I85SBL-	413+08.00	415+42.00	RT (MED)																						EXIST CONC BRIDGE RAIL
-I85SBL-	418+08.00	432+09.00	RT (MED)																						EXIST CONC BARRIER