COMPUTED BY: PJJ DATE: 2-5-2024
CHECKED BY: DATE:

PROJECT REFERENCE NO.	SHEET NO.
R-5726	3B-3

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	GREU TL-2	GREU TL-3	CAT-1	AT-1					NO.	PERMITTED G	PERMITTED NG				
-L-/-Y1-	17+68.75	16+78.93	LT/RT		93.75'				10'	13'					1		1												GR IN PLACE TO PROTECT SIGNAL POLE
-Y11-/-L-	10+86.60	49+12.06	RT/RT	137.50'	62.50'		10+80.00		2'	10' BERM							1	1											GR IN PLACE TO PROTECT WALL - WRAP GR AROUND -Y11- RADII
-L-	98+81.00	100+94.42	LT	206.25'	25.00'				2'	10' BERM						1		1											GR IN PLACE TO PROTECT SIGNAL POLE
-L-	161+50.00	164+75.00	RT	325.00'					12'	14' BERM						1	1												
-L-	163+72.00	164+60.00	LT	93.75'					8'	11'						1	1												
-L-	182+75.00	194+06.25	RT	1137.50'					10'	13'						1	1												
-L-	185+93.75	192+75.00	LT	681.25'					10'	13'						1	1												
SUBTOTAL				2581.25'	181.25'										1	5	6	2											
DEDUCTION FOR ANCHOR UNITS																													
GREU, TL-2			1 @ 25'		-25.00'																								
GREU, TL-3			5 @ 50'	-250.00																									
CAT-1			6 @ 6.25'	-31.25'	-6.25'																								
AT-1			2 @ 6.25'	-12.50'																									
			GRAND TOTALS	2287.50'	150.00'										1	5	6	2											
			SAY	2325'	150'		ADDITIONAL GUARDRAIL POST		5		TOTAL ANCHORS OR ATTENUATORS (EA)				1	5	6	2											

CABLE GUIDERAIL

SURVEY LINE	STATION	STATION	SIDE LT/RT/MED	GROSS LENGTH	ANCHOR UNITS	NET LENGTH
-L-	170+28.00	194+55.00	MED	2427'	2 @ 25'	2377'
-L-	207+76.00	233+80.00	MED	2604'	2 @ 25'	2554'
-L-	243+01.00	252+75.00	MED	974'	2 @ 25'	924'
				TOTAL:	6 EA	5855'
				SAY:	6 EA	5860'

6/16/99
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