PROJECT REFERENCE NO.	SHEET NO.
HL-0025	3B-2

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUARDRAIL SUMMARY

"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

LINE	BEG. STA.	END STA.	LOC.	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHOR / END UNITS			WOODEN RUB RAIL FOR PEDESTRIANS	REMOVE EXISTING GUARDRAIL	REMOVE & RESST EXISTING GUARDRAIL	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	B-77	GREU TL-2	TES					
Y2	10+16.28	10+16.28	CL	37.50													2					
Y2	12+55.00	15+30.00	RT	286.00			14+00	15+65.00	2.0'	5.0'	25.0'		1.0'			1						
Y2	13+27.97	15+30.00	RT																227.92			
L	25+30.00	25+30.00	CL	37.50													2					
	SUBTOTALS			361.00												1	4		227.92			
	DEDUCTIONS																					
	GREU TL-2 @ 25'			-25.00																		
	Total			336.00															227.92			
	SAY			**350.0**			**5 ADDITIONAL POSTS**									**1**	**4**		**235.0**			

REMOVAL OF EXISTING ASPHALT PAVEMENT

LINE	STATION	STATION	LOC.	LENGTH OR AREA	WIDTH	SQUARE YARDS
-L-	23+22	23+75	LT/RT	13,766.85		1,529.65
-L-	24+28	26+65	RT	3,087.94		343.10
-Y2-	11+17	14+48	RT	55.63		6.18
-Y2-	14+48	14+75	RT	4,970.57		552.29
-Y3-	11+00	13+03	CL	4,104.30		456.03
-Y4-	10+95	11+16	LT	35.88		3.99
-Y4-	11+16	13+20	LT	3,898.25		433.14
-Y3_DET-	10+25	12+72	CL	3,356.31		372.92
-Y3_DET-	13+01	13+47	CL	831.73		92.41
					TOTAL	3,789.72
					SAY	**3,870**

NOTE: COORDINATE WITH NCDOT RAIL DIVISION & ENGINEER FOR PAVEMENT REMOVAL AT EXISTING RAILROAD CROSSING.

A. MORTON THOMAS AND ASSOCIATES, INC.
10735 DAVID TAYLOR DRIVE, SUITE 310•CHARLOTTE, NC 28262
(704) 595-9975•NC LICENSE NO. F-1049
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12/30/2025
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