

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

**GUARDRAIL SUMMARY**

"N" = DISTANCE (LF) FROM EDGE OF LANE TO FACE OF GUARDRAIL.  
 TOTAL SHOULDER WIDTH = DISTANCE (LF) FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.  
 FLARE LENGTH = DISTANCE (LF) FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.  
 W = TOTAL WIDTH OF FLARE (LF) FROM BEGINNING OF TAPER TO END OF GUARDRAIL.

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH (LF)			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH (LF)		W		ANCHORS				REMOVE EXISTING GUARDRAIL (LF)	REMOVE AND RESET EXISTING GUARDRAIL (LF)	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	TEMP B-77						
-Y4EB-	23+50.00	26+65.00	LT	22.875			26+65.00		12'	15'								1		23	292	CONNECT TO EXIST BARRIER AT -Y4EB- STA 26+65 (LT)		
-Y4EB-	23+50.00	43+06.25	MED				43+06.25		5'	6'											1956	CONNECT TO EXIST GUARDRAIL AT -Y4EB- STA 23+50 (MED)		
-Y4WB-	23+50.00	75+00.00	MED				23+50.00		5'	6'											5150	CONNECT TO EXIST GUARDRAIL AT -Y4WB- STA 23+50 (MED)		
-Y4WB-	38+75.00	68+93.75	RT	3018.75			40+25.00		24'	27'	50		1		1	1					2847	REMOVE 2847 LF EXIST GUARDRAIL ALONG -Y4WB- (RT)		
-Y4EB-	43+26.25	75+00.00	MED				75+00.00		14'	16'												3174	CONNECT TO EXIST GUARDRAIL AT -Y4EB- STA 75+00 (MED)	
			SUBTOTAL	3041.625											1	1					2870	10572		
LESS ANCHOR DEDUCTIONS																								
	GREU TL-3	1 @ 50'	=	50.00																				
	CAT-1	1 @ 6.25'	=	6.25																				
	B-77	1 @ 22.875'	=	22.875																				
			TOTAL	2962.50																				
			SAY	2975'											1	1	1				2900	10600		
TEMPORARY GUARDRAIL																								
-Y4EB-	23+27.12	23+50.00	MED	22.875			23+50.00															1		
-Y4WB-	23+27.12	23+50.00	MED	22.875			23+50.00															1		
-Y4EB-	74+00.00	74+22.88	MED	22.875				74+00.00														1		
			SUBTOTAL	68.625																				
LESS ANCHOR DEDUCTIONS																								
	TEMP B-77	3 @ 22.875'	=	22.875																				
			TOTAL	0.00																				
			SAY	0																			3	

ADDITIONAL GUARDRAIL POSTS = 5 EA

REMOVAL OF EXISTING ASPHALT PAVEMENT			
LINE	STATION TO STATION	LOCATION	SQ. YDS.
-Y4WB-	26+65.00 TO 67+53.00	RT	4148
-Y4WB-	67+53.00 TO 69+50.00	RT	219
TOTAL			4367
SAY			4400

SUMMARY OF SHOULDER BERM GUTTER			
LINE	STATION TO STATION	LOCATION	LENGTH (LF)
-Y4WB-	39+50.00 TO 68+75.00	RT	2925
TOTAL			2925
SAY			2930

SUMMARY OF WOVEN WIRE FENCE									
LINE	STATION TO STATION	LOCATION	FABRIC (LF)	END BRACE (EA)	CORNER BRACE (EA)	LINE BRACE (EA)	4" POSTS (EA)	5" POSTS (EA)	
-Y4WB-	40+10 TO 59+65	RT	2123	2	8	7	125	49	
TOTAL			2123	2	8	7	125	49	
SAY			2130	5	10	10	130	50	

REVISIONS