

"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 (LF)			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHORS					IMPACT ATTENUATOR		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	B-77	GREU, TL-3	GREU, TL-2	CAT-1	AT-1	G	NG																							
-L-	15+95.00	26+15.00	LT	1,025.00			23+25.00	17+00.00	6'	9'	50'	50'	1'	1'		2																												
-L-	15+85.00	18+82.00	RT	262.50			18+25.00		6'	9'	50'		1'			1																												
-L-	19+38.00	25+51.00	RT	593.75				24+25.00	6'	9'		50'		1'		1																												
-L-	59+05.00	67+85.00	LT	825.00	87.50			60+75.00	6'	9'		50'		1'		1																												
-L-	59+60.00	67+88.00	RT	775.00	87.50		62+50.00		6'	9'	50'		1'			1																												
-L-	68+23.00	69+74.00	LT	135.375	37.50		BRIDGE		6'	9'					1																													
-L-	68+24.00	69+74.00	RT	135.375	37.50			BRIDGE	6'	9'					1																													
-L/-LPB-	72+09.00	21+53.00	LT	185.375				BRIDGE	VARIES	VARIES	162.5'		11'		1		1																											
-L-	72+09.00	72+86.00	RT	91.625			BRIDGE		VARIES	VARIES		62.5'		4'	1				1																									
-Y4-	10+24.00	15+10.00	LT	437.50	75.00		14+25.00		4'	7'	25'		1'				1																											
-Y4-	10+15.00	11+34.00	RT	87.50	75.00				4'	7'		25'		1'			1																											
-Y4-	11+78.00	15+03.00	RT	337.50				14+80.00	4'	7'	25'	25'	1'	1'			2																											
-Y2-/-RPC-	26+61.00	25+13.00	RT	1,950.00			29+25.00		14'	17'	76.7'		0.8'			1							840																					
-RPC-	19+50.00	25+30.00	LT	587.50			19+50.00		12'	15'	50'		1'			1																												
-Y2-/-RPB-	25+49.00	13+50.00	LT	706.25				25+75.00	14'	17'	50'		1'			1		1					914																					
-Y2-	43+02.00	47+19.00	RT	418.75			MED. STRUCTURE		12'	EXIST.		50'		1'		1		1																										
-Y2-	46+04.00	50+20.00	LT	418.75			MED. STRUCTURE		12'	EXIST.		50'		1'		1		1																										
-RPD-	18+25.00	25+10.00	LT	618.75				18+25.00	14'	17'								1																										
-RPD-	17+75.00	24+74.00	RT	706.25				17+75.00	12'	15'								1																										
TOTAL				10,297.75	400.00										4	11	5	6					1754																					
DEDUCTIONS FOR ANCHORS:																																												
TYPE		QTY	LT/EA																																									
TYPE B-77		4	22.875	-91.50																																								
GREU, TL-3		11	50.00	-550.00																																								
GREU, TL-2		5	25.00	-125.00																																								
CAT-1		6	6.25	-37.50																																								
PROJECT TOTAL				9,493.75	400.00																		1754.00																					
SAY				9,500.00	400.00																		1,755.00																					
ADDITIONAL GUARDRAIL POSTS				10 EACH	per RDM																																							

SUMMARY OF WOVEN WIRE FENCE

STATION TO STATION	LT. OR RT.	A FABRIC L.F.	B END BRACE	C CORNER BRACE	D LINE BRACE	E 4" POSTS	F 5" POSTS
-L- 24+13.00 TO -Y1- 22+75.00	LT	565.53	2	2	1	33	13
-L- 24+08.00 TO -Y1- 24+76.00	RT	558.13	2	2	1	33	13
-Y1- 22+80.00 TO -L- 36+55.00	LT	625.47	2	2	1	38	13
-Y1- 24+78.00 TO -L- 36+55.00	RT	563.19	2	2	1	33	13
-L- 57+92.00 TO 67+07.42	RT	1,100.11	1	6	4	61	32
-L- 57+92.00 TO 67+06.41	LT	916.86	1	6	3	50	29
-RPD- 16+53.00 TO 23+80.00	LT	815.54	1	5	3	44	26
-RPC- 15+69.00 TO 24+37.00	RT	848.37	1	1	3	53	14
-RPB- 13+79.00 TO -Y2- 47+77.00	LT	2,062.78	2	4	7	127	37
-Y2- 30+51.81 TO -RPC- 12+48.59	RT	321.97	2	3	1	14	16
-Y2- 27+84.34 TO -RPB- 13+79.00	LT	526.75	1	4	1	28	17
TOTAL		8,904.70				514	223
SAY		8,910				515	223

SUMMARY OF CABLE GUIDERAIL

LINE	BEG STATION	END STATION	LOC.	SINGLE FACED LENGTH (LF)	DOUBLE FACED LENGTH (LF)	INTERMEDIATE ANCHORS (EA)	TERMINAL ANCHORS (EA)	REMOVE AND RESET EX. GUIDERAIL (LF)
Y2	45+94.33	47+27.83	MED.				2	133.50
			TOTAL				2	133.50
			SAY				2	135
ADDITIONAL GUIDERAIL POSTS = SAY 5 EA								

SUMMARY OF REMOVAL EXISTING ASPHALT PAVEMENT

LINE	STATION	STATION	LOCATION	SQUARE YARDS
-L-/Y4-	15+72.13	11+34.80	MED	565.90
-L-	14+98.09	15+46.62	RT	28.53
TOTAL				594.43
SAY				600

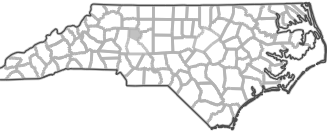
SUMMARY OF SHOULDER BERM GUTTER

LINE	STATION	STATION	SIDE	LENGTH (LF)
-L-	16+10.00	20+00.00	LT	390.00
-L-	17+50.00	18+47.36	RT	97.36
-L-	19+70.41	24+75.00	RT	504.54
-L-	60+25.00	67+29.49	LT	704.49
-L-	68+40.00	69+58.92	LT	118.92
-L-	69+34.00	69+58.92	RT	24.92
-L-/LPB- (LT/RT)	72+32.01	21+29.33	LT	188.13
-L-	72+32.01	72+50.00	RT	17.99
-Y2-/RPB-	25+75.00	13+00.00	LT	622.39
-Y4-	10+20.79	14+75.00	LT	464.39
-Y4-	13+30.00	14+50.00	RT	120.00
-Y2-/RPC-	29+50.00	25+81.38	RT	1,747.04
-RPD-	18+42.00	24+46.00	LT	604.00
TOTAL				5,604.17
SAY				5,610

U-6187


FINAL38-2

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY



ROADWAY DESIGN UNIT

PREPARED BY



VHB Engineering NC, P.C. (C-3705)
5940 Main Campus Drive, Suite 500
Raleigh, NC 27616