

DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA

GUARDRAIL SUMMARY

COMPUTED BY: EBS		DATE: 1/22/19		DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA <h2 style="text-align: center;">GUARDRAIL SUMMARY</h2>																				
CHECKED BY: MJA		DATE: 2/12/19																						
"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 BEGIN				G = GATING IMPACT ATTENUATOR TYPE 350 NG = NON-GATING IMPACT ATTENUATOR TYPE 350																				
ALN.	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHORS					REMOVE EXISTING GR	REMARKS			
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPR. END	TRAIL. END			APPRO ACH END	TRAILI NG END	APPR. END	TRAIL. END	B-77	TYPE-III	CAT-1	GREU TL-3	AT-1					
-Y1-	30+48.01	35+80.87	RT																		532.86			
-Y1-	30+92.93	36+01.44	LT																			508.51		
-Y1-	33+41.43	35+51.70	RT	210.27				33+41.34	11.5		50		1				1			1				
-Y1-	37+72.72	42+01.46	RT	428.74				37+71.49	11.5			50		1			1			1				
-Y1-	35+20.83	36+16.48	LT	95.65				36+13.51	10	13		50					1			1				
-Y1-	38+07.00	42+04.72	RT																				397.7	
-Y1-	38+36.27	40+43.33	LT	207.06				38+36.27	10	13	50		1				1			1				
-Y1-	38+28.65	43+35.59	LT																				506.9	
-L-	54+91.63	56+00.00	CL	108.37				54+91.63	12	15						1								
-L-	54+91.63	56+00.00	CL	108.37				56+00.00	12	15						1								
-L-	54+50.94	57+02.56	RT																				251.6	
-L-	54+91.63	58+43.37	CL																				703.5	
-L-	56+74.82	57+93.58	LT																				118.8	
-L-	57+35.00	58+43.37	CL	108.37				57+35.00	12	15						1								
-L-	57+35.00	58+43.37	CL	108.37				58+43.37	12	15						1								
-RPB-	23+51.17	24+54.97	RT																				103.8	
-RPB-	23+88.51	24+36.36	RT																				47.8	
-RPD-	26+97.16	29+69.63	RT	274.25				28+00.00	13	16	50		1				1			1				
-Y3-	23+91.75	23+91.75	CL	50.00				23+91.75														2		
<b>SUBTOTAL:</b>				1,699.45	0.00											4	4	1	5	2		3171.54		
<b>ANCHOR UNIT DEDUCTIONS:</b>																								
B-77 4 @ 22.875' Each																							-91.50	
TYPE-III 4 @ 18.75' Each																								-75.00
GREU TL-3 5 @ 50' Each																								-250.00
CAT-1 1 @ 6.25' Each																								-6.25
AT-1 2 @ 6.25' Each																								-12.50
<b>LESS GUARDRAIL DEDUCTIONS:</b>				1,264.20	0.00																			
<b>PROJECT TOTAL:</b>				1,264.20	0.00																			3171.5
<b>SAY:</b>				<b>1,300.0</b>	<b>0.0</b>											<b>4</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>2</b>		<b>3180.0</b>		
<b>(10 ADDITIONAL GUARDRAIL POSTS)</b>																								

B:\2023\Projects\15972-Rd\psh03B-1.dgn  
 5/9/06  
 8/1/2023