

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B03202024-4</b>	
<b>Date:</b> 9/6/2023		<b>Inspected By:</b> M Button / T Upshall		<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
<b>Site:</b>		1-048 - GULL POND PENSTOCK BRIDGE - R10			
<b>SUBSTRUCTURE</b>					
<b>Condition:</b>		F2 - Fair		<b>Bearings:</b> I - Inapplicable	
				<b>Bearing Seat:</b> I - Inapplicable	
<b>Comments:</b>		Severe spalling and erosion to vertical construction joint of frame leg. Narrow pattern cracking with light efflorescence in wingwalls and frame legs. Wide vertical crack in side of NE frame leg. Structure covered in graffiti.			
<b>SUPERSTRUCTURE</b>					
<b>Condition:</b>		F2 - Fair		<b>Expansion Joints:</b> I - Inapplicable	
<b>Comments:</b>					
<b>DECK</b>					
<b>Condition:</b>		F2 - Fair		<b>Curbs:</b> I - Inapplicable	
<b>Hand Rail:</b>		I - Inapplicable		<b>Roadway Condition:</b> I - Inapplicable	
<b>Approach Rail:</b>		P3 - Poor			
<b>Comments:</b>		Hairline vertical/horizontal cracking to east/west deck fascia. Medium honeycombing, narrow transverse cracks with light efflorescence in deck soffit. Narrow vertical cracks with light efflorescence in haunch. Severe damage to standard guiderail and posts. Gabions SE corner continue to shift and bulge.			
<b>HYDROLOGY</b>					
<b>Water Velocity:</b>		n/a m/s		<b>Ice Problem:</b> NA - Not Applicable	
<b>Water Depth:</b>		n/a m		<b>Scour Problem:</b> NA - Not Applicable	
<b>Waterway:</b>		03 - Not Applicable		<b>Debris Problem:</b> NA - Not Applicable	
<b>Comments:</b>					
<b>REPLACEMENT/REHABILITATION</b>					
<b>Next Rehab. Date:</b>		2027		<b>Replacement Year:</b> 2040	
<b>Antic. Rehab. Cost:</b>		\$0		<b>Replacement Cost:</b> \$0	
<b>Recommendations:</b>		Repair concrete defects. Install new standard guiderail on new posts. Remove graffiti. Repair gabion baskets.			
<b>OBSERVATIONS</b>					
<b>Overall Condition:</b>		P3 - Poor		<b>Requires Further Inspection:</b> No	
<b>Additional Observations:</b>		P3 - Standard guiderail and posts along Route 10.			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.