

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B07172025-1	
Date: 4/30/2024		Inspected By: Mike Fleming		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		4-023 - BAY D'LIT BROOK BRIDGE - R470			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Mild to moderate spalling and horizontal and vertical hairline cracking noted on abutment walls				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Mild delamination and spalling noted on underside of girders, exposed and corroded bar. Asphalt Plug Joints noted on this structure				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	P3 - Poor	Roadway Condition:	P3 - Poor		
Approach Rail:	P3 - Poor				
Comments:	Significant alligator cracking, potholes, and moderate settlement noted on both approaches. Significant winter sand accumulation (windrows) on the approaches at the guiderail preventing water-runoff and directing water to the bridge deck. Significant winter sand accumulation also noted on and adjacent to the curbs. Surface of deck is in fair condition. Significant damage on one section of approach rail. Also damage to handrail noted with one end dislodged from handrail post. Note that the roadway condition ranking of P3 is only associated with the approaches.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair handrail and approach rail. resurface approaches. Repair abutments and girders.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	Missing three hazard markers. Pics on file				