

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01182023-1	
Date: 4/18/2022	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	4-023 - BAY D'LIT BROOK BRIDGE		
Route:	470	Overall Length:	45.9 m
Year Built:	1967	Est: No	Overall Width: 8.8 m
Year Last Rehab.:		Est: No	Roadway Width: 7.4 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	10 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	1.3 m
Purpose of Structure:	03 - Over Navigable Waters		
Type of Handrail:	02 - Concrete Rail		
Roadway Surface:	02 - Asphalt	Span No.:	Length
Alignment Vertical:	01 - Good	Span No.:	Length
Alignment Horizontal:	02 - Adequate	Span No.:	Length
Restrictions:	No		
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	Light to Moderate spalling noted on abutment walls; light horizontal and vertical hairline cracking also noted on abutment walls		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	F2 - Fair
Comments:	Light delamination and spalling noted on underside of girders. Asphalt plug joints are in fair condition.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	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 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. 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:			
OBSERVATIONS			
Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations: Missing hazard markers. Pics on file.			

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