

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01282026-3	
Date: 1/23/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-166 - HARICOT POND BRIDGE - R			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Assumed condition of buried concrete footings. - South wingwalls have hairline cracks with local dampness. Minimal efflorescence visible at time of inspection, F1. - North wingwalls generally defect free, F1 to F2. - Light to medium concrete erosion to frame leg faces at the waterline, F1. Isolated medium vertical cracks in frame leg faces. Efflorescent leachate staining east frame leg. Material coming from frame leg/deck soffit connection. Southeast frame leg corner has a wide vertical crack from the deck to the waterline, P3.				
SUPERSTRUCTURE					
Condition:	P - Poor	Expansion Joints:	I - Inapplicable		
Comments:	- South deck fascia, at both the east and west supports, has dominate shear cracking. Crack gauges installed in 2025 for active monitoring. At time of inspection, Gauge #1 - 8.5mm wide. Gauge #2 ~6.5mm. P1 to P. - North deck fascia has narrow to medium shear cracks. Other irregular medium to wide cracks in the area, P3. - Deck soffit on the structure's east side has medium to wide pattern cracks throughout. Numerous cracks have severe efflorescent stalactites. Active leaching through concrete deck. No visible rust staining, P3 to P1. Remainder in fair condition.				
DECK					
Condition:	P1 - Poor	Curbs:	P3 - Poor		
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	P3 - Poor				
Comments:	- Exposed concrete deck has narrow to wide pattern cracks throughout with local areas of spalls/deck potholes. Southeast corner has widespread delaminations. Deck leaching through to deck soffit below. West side of the bridge deck has several concrete spalls patched with asphalt, P1. - Structure rail is four rail aluminum system. Minor dents and scrapes, F1. - Guiderail not of type guiderail structures. Several posts with severe splits and local rotten cores. Only one bolt to Michigan shoe/end block connection, P3. - End blocks have local wide cracks, F1. - Curbs have hairline to narrow transverse/longitudinal cracks throughout. Northeast curb's vertical roadside face has a wide longitudinal crack under the end block. Curb fascias have hairline cracks with light efflorescence, F1. - Deck/curb construction joint has visible efflorescent leachate, P3. - Asphalt heavily patched on approaches, F1 to P3.				
HYDROLOGY					
Water Velocity:	< 1 m/s	Ice Problem:	N - No Problem		
Water Depth:	1-2 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- Water levels deep compared to previous inspections. East frame leg sand bar gone and under ~1.2m of water. No identified scour.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			

Antic. Rehab. Cost:	\$	Replacement Cost:	\$
Recommendations:	- Replace		
OBSERVATIONS			
Overall Condition:	P - Poor	Requires Further Inspection:	No
Additional Observations:	- Bridge planned for replacement in 2026 under contract 106-25PSB - P1 to P shear cracks. F1 remainder. - South lanes of bridge closed and controlled by signage + barricades.		

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2026.