

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03092026-8	
Date: 2/11/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-117 - HARICOT BROOK BRIDGE - R93			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	F1 - Fair		
		Bearing Seat:	F1 - Fair		
Comments:	Exterior elastomeric bearing pads contain extensive cracking with medium bulging. Unable to inspect interior bearing seat and bearings due to high tide. East and west abutments are in fair condition. All wing walls contain narrow horizontal cracks with light efflorescence, light delamination, and corrosion stain surface.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	P - Poor		
Comments:	During inspection the deck was checked for delamination using the chain drag method. Approximately two meters on both sides of the centerline the entire length of the structure contains severe delamination's. Severe abrasions and deformations to expansion joint steel edge beam with sections completely missing. Both expansion joints are full of sediment and closed potentially restricting bridge movement. Exterior girder ends contain extensive narrow to medium pattern/vertical cracking potentially from leaking expansion joints. Downstream exterior girder showing some minor spalls with exposed rebar. Narrow horizontal cracks in web of exterior girders. All girders contain light spalling with exposed reinforcement.				
DECK					
Condition:	F1 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F1 - Fair	Roadway Condition:	P1 - Poor		
Approach Rail:	P1 - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Medium delamination to SW overhanging curb soffit above wing wall. Asphalt is in poor condition with large potholes and cracking extensively. Wide transverse/longitudinal cracks in asphalt at approaches. Exposed concrete deck was previously repaired with asphalt. Deck has rebar showing through in isolated areas near the center of the span. There are no curbs or end blocks on this structure. Severe deformations and abrasions to aluminum handrail and posts with missing end caps. The guiderail posts are heavily decayed and need replacement. Significant overgrowth covers all corners of the structure. All hazard markers are not as per specification. Severe embankment erosion to NW corner. Pothole at NE exit with standing frozen water creating a hazard to vehicles.				
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:	\$	Replacement Cost:	\$		

Recommendations:	Replace expansion joints. Install end blocks and guiderail structures with hazard markers. Remove overgrowth from approaches. Repair concrete deck, waterproof and resurface.		
OBSERVATIONS			
Overall Condition:	P - Poor	Requires Further Inspection:	No
Additional Observations:	High tide restricted inspection of soffit, interior girders and abutments.		

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