

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02252025-4	
Date: 2/19/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-276 - NORTH HARBOUR RIVER BRIDGE - R91			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Light honeycombing to NE wingwall and face of east abutment. Light erosion to face of east/west abutments at water mark. Hairline vertical, horizontal, pattern cracks with light efflorescence deposits in all wingwalls and abutments.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Narrow pattern cracking in soffit. Expansion joint caulking deteriorated allowing water to penetrate the bearing area.				
DECK					
Condition:	F2 - Fair	Curbs:	P3 - Poor		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F1 - Fair				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Severe spall with exposed corroded reinforcement to NW end block and exterior curb fascia P3. The spall has exposed lumber embedded in the concrete beneath the end block. Hairline pattern cracks in all end blocks. Unable to inspect deck, curbs, and approaches due to snow accumulation. Light abrasions to concrete end blocks and aluminum handrails. NW/SE hazard markers faded. West approach rail damaged by snow clearing equipment. Guiderail posts showing moderate decay.				
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:	2028	Replacement Year:	2070		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair NW end block and curb fascia. Install embankment protection to reduce erosion. Replace faded hazard markers. Caulk gaps where required. Replace damaged approach rail.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:					

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