

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01292026-1	
Date: 1/23/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-282 - NORTH ARM RIVER BRIDGE - R90			
SUBSTRUCTURE					
Condition:	P - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	P - Poor		
Comments:	- Assumed condition of buried concrete footings. - Significant disintegration of original pier and abutments. Wide cracks and severe spalls throughout. - Original pier bearing seat disintegration continues. Medium to severe disintegration/undermining of center members support area. - Upstream and downstream abutment extensions in better condition, P3 to F1.				
SUPERSTRUCTURE					
Condition:	P - Poor	Expansion Joints:	I - Inapplicable		
Comments:	- Original concrete members continue to deteriorate. Large spalls exposing reinforcement throughout. Local members with very severe stratification/corrosion/disintegration of reinforcement, P1 to P. - Deck soffit longitudinal joints at structure extensions have honeycombs, local spalls and visible leachate, P3 to P1. - Active leaking from deck gap over center pier. - Upstream and downstream extension double tees in better condition, local spalls from low cover, F1 to P3.				
DECK					
Condition:	P - Poor	Curbs:	F1 - Fair		
Hand Rail:	P3 - Poor	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. - Structure rail original concrete two rail system with posts. Several rails disintegrated. Spalls to some rail/post connections allowing rail movement, P1 to P. - Guiderail structures installed but not connected to end blocks. Guiderail and posts in fair condition, F1. Hazard markers too low (~400mm above end blocks) and covered in graffiti. - Curbs and end blocks have light cracking. Overall, in fair condition, F1. - Significant disintegration to curb/deck construction joint, P3 to P1. - Asphalt surface in fair condition, no significant defects, F1.				
HYDROLOGY					
Water Velocity:	< 1 m/s	Ice Problem:	N - No Problem		
Water Depth:	< 1 m	Scour Problem:	K - Known Problem		
Waterway:	01 - Adequate	Debris Problem:	K - Known Problem		
Comments:	- Significant changes made to upstream river channel and embankments. Work completed by town of Holyrood installing a new waterline. - Significant debris on upstream side caused by beavers. No concern to overall flow at time of inspection. - Local scour around pier.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:	\$		
Recommendations:	- Bridge planned for replacement in 2026 under contract 41-25PSB.				

OBSERVATIONS			
Overall Condition:	P - Poor	Requires Further Inspection:	Yes
Additional Observations: - Bridge planned for replacement in 2026 under contract 41-25PSB. - TI personal will continue to monitor structure until replacement. - 20 tonne load restricted posted around structure.			

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