

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04142026-2	
Date: 4/9/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-299 - NORTHWEST POND BROOK BRIDGE - R20			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Frame legs have light concrete erosion at the waterline. Exterior corners repaired in summer 2024. Medium to wide pattern cracks propagate from the new construction joint into the original concrete. - Wingwalls repaired summer 2024 and remain in fair condition. Parged over areas starting to show hairline cracks. - Several locations within the substructure have large cobbles, honeycombing areas and cold joints from original construction.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	- Several locations within the deck soffit have large cobbles, honeycombing and cold joints from original construction. - Approximately one meter of the deck was replaced on upstream and downstream sides. Deck soffit adjacent to the upstream repair has hairline to narrow cracks with light to moderate efflorescence. - Both northern wingwalls had wide ~80° vertical cracks prior to rehabilitation in 2024 due to expansion. Fiber board installed in the joint and repaired.				
DECK					
Condition:	F1 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	G - Good	Roadway Condition:	F1 - Fair		
Approach Rail:	G - Good				
Comments:	- Assumed condition of concrete deck top as its covered in asphalt. Assessment based on deck soffit below, F1. - Structure rail is a cast-in-place concrete barrier. Barrier replaced in 2024 and remains in good condition. - Guiderrail structures installed new in 2024. System remains in good condition. - End blocks and curbs included within new cast-in-place concrete barrier. - Bridge deck asphalt remains in fair condition. South end asphalt has its longitudinal joint opened. Subgrade visible through surface and base courses. Area should be sealed.				
HYDROLOGY					
Water Velocity:	< 0.5 m/s	Ice Problem:	N - No Problem		
Water Depth:	~0.3 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- Very slow moving and shallow channel.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:		\$	
Recommendations:	- Seal longitudinal joint in asphalt.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations: - No global concerns. Replace within ~15-20yrs.					

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