

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04082026-2	
Date: 4/7/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-160 - PICCO'S BROOK BRIDGE - R20			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Abutment corners and wingwalls have widespread hairline to narrow pattern cracks with light efflorescence. Suspect leaking to the approach slab/deck connection. - Deck to abutment construction joint or bearing area visibly leaching water.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	- Deck soffit has an isolated area with visible efflorescent deposits (area less than 0.3x0.3m). F1 to F2 remainder. - Deck soffit exteriors have damp hairline pattern cracks. - No expansion joints.				
DECK					
Condition:	F1 - Fair	Curbs:	P3 - Poor		
Hand Rail:	F1 - Fair	Roadway Condition:	P1 - Poor		
Approach Rail:	P3 - Poor				
Comments:	- Exposed bridge deck within asphaltic potholes has severe local spalling/disintegration. Suspect widespread waterproofing issues. - Structure rail is four rail aluminum system on posts. Local dents to some rail sections, F1. - Guiderail not of type guiderail structure. Roadside debris/fill accumulated to underside of all guiderail. All buried end rail sections heavily damaged or torn. Missing all hazard markers. - Curbs buried in road gravels and overgrown with vegetation. Curbs assumed to have various cracks, delaminations and spalls, P3. - End blocks have narrow damp pattern cracks throughout with isolated spalls. - Potholes and cracks throughout the area, P1.				
HYDROLOGY					
Water Velocity:	< 1 m/s	Ice Problem:	N - No Problem		
Water Depth:	> 1.5 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- Slow moving deep channel under bridge. ~1.5m free board under normal flow conditions.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:	\$		
Recommendations:	- Concrete deck repairs. - Waterproof & resurface the bridge deck. - Concrete repairs to abutment exterior corners & concrete deck exterior bearing areas on the abutments. - Replace end blocks complete with new guide rail structures. Property adjacent to structure that will have to be considered for guiderail extents. - Remove all gravels from the bridge deck & curbs. Curbs may need replacement. - Brush clearing around bridge.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	- Bridge in fair condition overall. Deck top and asphalt in need of repairs.				

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