

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02062026-1	
Date: 9/25/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-081 - POINT VERDE BROOK BRIDGE - R100			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	P3 - Poor		
		Bearing Seat:	F1 - Fair		
Comments:	- Assumed condition of buried concrete footings. - Narrow vertical cracks throughout abutments faces. - Wingwalls have hairline damp pattern cracks. - Wide cracks and delaminations on ballast wall exterior corners, P3. - All bearings squat & squeezing away from contact area. Wide cracks are visible from sides, P3 to P1.				
SUPERSTRUCTURE					
Condition:	P1 - Poor	Expansion Joints:	P - Poor		
Comments:	- Deck soffit has evidence of patching in all bays. Too high for sounding of concrete. Local hairline cracks with light efflorescent material in some bays above the abutments, F1. - Girders rehabilitated in 2023 under contract 18-22 TSP. Numerous delaminated/spalled repairs exposing pre-stressing cables, P1. Hairline pattern cracks to exterior girders. - Expansion joints replaced in 2023 under contract 18-22 TSP. Seals not properly extended from bridge deck level up inside curbs. Water draining onto the exterior girders & bearing seat below, P. - Exterior caulking below expansion joints have a wide gap allowing water ingress to exterior girders/bearing seat exterior. - Bridge maybe jammed. Girders touching ballast walls.				
DECK					
Condition:	F1 - Fair	Curbs:	G - Good		
Hand Rail:	G - Good	Roadway Condition:	G - Good		
Approach Rail:	G - Good				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. - Structure rail is four-rail structural steel on steel posts. Rail replaced in 2023 under contract 18-22 TSP, G. - Guiderrail structures installed and connected to end blocks. All hazard markers in place. Replaced in 2023 under contract 18-22 TSP, G. - Curbs replaced in 2023 under contract 18-22 TSP, G. - Asphalt surface replaced in 2023 under contract 18-22 TSP, G.				
HYDROLOGY					
Water Velocity:	< 1 m/s	Ice Problem:	N - No Problem		
Water Depth:	> 3 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- Deep tidal channel under structure. - Riprap placement good on structure corners. No large boulders under the bridge along the abutment faces however, significant blast rock material in place to protect against scour.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:	\$		
Recommendations:	- Complete concrete repairs to abutments, girders and deck soffit. - Replace expansion joint seals and install proper detail. - Replace exterior curb caulking.				

OBSERVATIONS			
Overall Condition:	P1 - Poor	Requires Further Inspection:	Yes
Additional Observations: - P1 girders. P expansion joint seals. F1 remainder. - Bridge maybe jammed. Girders touching ballast walls.			

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