

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B07162025-9	
Date: 7/8/2025		Inspected By: Megan/Heidi		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		3-050 - BERNARD'S BROOK BRIDGE - R360			
SUBSTRUCTURE					
Condition:	P - Poor	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	Bearings and bearing seats are not accessible or visible for inspection, preventing assessment of their condition. Erosion and exposed reinforcing steel were observed at multiple wingwalls. All wingwalls exhibit severe concrete disintegration and spalling. Efflorescence noted on the left-hand side wingwall of Abutment 1 and left-hand side wingwall Abutment 2. Abutment 1 also has severe concrete disintegration and spalling present. Abutment 2 exposed reinforcing steel observed along approximately half the height and full length of the abutment.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	P1 - Poor		
Comments:	Expansion joints are leaking, and the concrete end dams are in poor condition, exhibiting spalling and deterioration.				
DECK					
Condition:	P1 - Poor	Curbs:	P - Poor		
Hand Rail:	P - Poor	Roadway Condition:	F1 - Fair		
Approach Rail:	P1 - Poor				
Comments:	Minor surface scratching is present on the handrails, and the timber posts supporting the handrails show signs of rot. Additionally, water ponding has been observed on the deck. Severe efflorescence is present along the entire length of the curb and also on the fascia. Exposed rebar is also visible on the left-hand fascia. Extreme spalling noted on fascia/undermining at bottom of posts.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Erosion is present at the end of the curbs. Due to water levels and high flow rate at the time of inspection, direct observation of potential scour was not possible. Rapid flow rate suggests a possibility of scouring in the area.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2028		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace within three years.				
OBSERVATIONS					
Overall Condition:	P - Poor	Requires Further Inspection:	Yes		
Additional Observations:	Severe disintegration and spalling on wingwalls, fascia and abutment walls. Waterway is a designated salmon river.				