

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B05202025-6	
Date: 5/20/2025		Inspected By: L Christensen		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		4-076 - BOWING BROOK BRIDGE - R430			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	F1 - Fair		
		Bearing Seat:	F1 - Fair		
Comments:	Rust staining and small/Medium cracks on wing walls. AB1 in F1 - some rust staining, AB2 in P3. Large spall on AB2 exposing reinforcement. Rust stains at top of AB2 from leaking expansion joint. Most issues seem to be from low cover.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	P3 - Poor		
Comments:	Expansion joint paved over, but evidence of leaking. Longitudinal cracking in outside girders bottom flanges. Low cover spalling exposing reinforcement on all girders with a lot of rust staining. Spalling affecting all areas of girders.				
DECK					
Condition:	P3 - Poor	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Deck soffit interior has multiple areas of low cover spalling exposing reinforcement. Some EFF seen at soffit ends.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2030		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Rehab not feasible				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	Continue to monitor spalling due to low cover and longitudinal cracking in outside girders.				

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