

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B08042025-3	
Date: 8/4/2025		Inspected By: Megan/Heidi		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		1-107 - AQUAFORTE RIVER BRIDGE - R			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	F1 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Light erosion and hairline cracking noted on both abutments. Some areas of cracks with efflorescence and spalling on abutment #1. Some honeycombing on abutment #2. Visible bearing at girder #6 for abutment #2 deformed and cracking. South abutment has a built-out plinth on west side, no defects observed.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	P - Poor		
Comments:	Expansion joints are paved over and visibly leaking. Deck soffit has cracking with efflorescence and looks damp throughout with efflorescent leachate and pattern cracking.				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	G - Good	Roadway Condition:	P3 - Poor		
Approach Rail:	F1 - Fair				
Comments:	Two severe potholes showing in deck, one with exposed rebar 0.5 m x 0.6 m. Other 0.4 x 4 m. Medium to severe raveling. Multiple patch repairs. Railing systems and posts in excellent condition. Approach railing fair. Light scaling in curb, some hairline, medium and wide cracks.				
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:	N/A				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Consider deck and expansion joint repairs.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	See detailed OSIM inspection in BMS.				

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