

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01262026-1	
Date: 1/21/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-030 - SOUTH RIVER BRIDGE - R70			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Assumed condition of buried reinforced frame leg footings. No scour visible on NE, SW or SE structure corners. Flow rate and depth of water too high for inspection of NW corner. - Hairline and medium pattern cracking with light efflorescence in four wingwalls. - Main abutment faces have no visible distresses. Eastern abutment corners have narrow damp map cracks with no visible efflorescent material. Western abutment corners have no visible cracks.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	- Narrow vertical/pattern cracking in frame legs and haunch. Hairline transverse/longitudinal cracks in deck soffit. - Curb fascias have narrow and medium vertical/horizontal/pattern cracks with light efflorescence. Area from drip bead line upwards assumed to have local delaminations, F1 to P3. - Construction joint between deck and sidewalk opening. No visible leachate during inspection.				
DECK					
Condition:	F2 - Fair	Curbs:	P3 - Poor		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F1 - Fair				
Comments:	- Guiderail not of type guiderail structures. Guiderail in fair condition, F1. - Bridge rail is 4-rail aluminum system. No observed defects other than one missing coupler/joiner on the eastern top rail. - End blocks have hairline to very wide vertical/horizontal/pattern cracking with light efflorescence with local delaminations. - Light to severe abrasions along sidewalk curbs. Narrow pattern cracking in sloped sidewalk and rock embedded gutters. Slope sidewalk dropped forming a 150mm step to bridge sidewalk, P3. Medium transverse cracks, hairline longitudinal/pattern cracking in sidewalk surface. *Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Bridge resurfaced in 2023.				
HYDROLOGY					
Water Velocity:	~1 m/s	Ice Problem:	N - No Problem		
Water Depth:	> 1 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- Tidal. Bridge's waterway subject to flow reversal twice daily.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:	\$		
Recommendations:	- Replace end blocks. Repair deck fascias. Install missing joiners. Install guiderail structures. Repair drop in sloped curb for accessibility purposes.				

OBSERVATIONS			
Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:			

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