

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02062026-2	
Date: 2/4/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-152 - GOSSE'S BRIDGE - R20			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	Steam flows along north abutment and has exposed top of the footing. There is light erosion below HWM, however it is in overall fair condition with narrow vertical cracks throughout. South abutment is in fair condition with hairline cracks in local areas. Wingwalls have hairline to narrow pattern cracking. South wing walls are not visible due to snow. Bearing pads are not visible				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Girders – Hairline angular cracks observed in beams near bearing supports changing to vertical as you travel towards the midspan. All concrete beams contain a narrow horizontal crack along the top at the soffit intersection. There are hairline and narrow cracks throughout. The concrete surface is stained from corroded rebar in local areas. There are light spalls on the bottoms of the beams. Medium vertical cracks with efflorescence in exterior creep blocks. Deck soffit is in overall fair condition. Numerous narrow transverse and longitudinal cracks with efflorescence throughout. There is moderate efflorescence leaching from construction joints. The concrete surface is stained in local areas from corroded rebar and efflorescence, F2. Deck also contains areas of honeycombing.				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	P3 - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Very wide vertical crack to NE end block corner. Hairline pattern cracking to remaining end blocks. Structure does not have any hazard markers. Aluminum handrails have medium deformations and abrasions and are not continuous at the corners with open gaps. Sidewalks, curbs, and guiderail not inspectable due to snow. Severe deformation to NE guiderail visible from stream. Visible NW guiderail is attached to end block with one bolt and not guiderail structures. Deck asphalt is in fair condition.				
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:	Stream alignment runs along north abutment only causing degradation of the stream bed exposing concrete footing. Remains in fair condition. Vegetation growth at outlet (SE) creating an obstruction during high rainfall.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		

Recommendations:	Install guiderail structures and hazard markers.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:			

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