

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02032025-3	
Date: 1/29/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-321 - TURK'S WATER BRIDGE OVER GOULD'S BROOK - R71			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	P3 - Poor		
Comments:	Upstream side of pier is very severely deteriorated with wide cracks/spalls and large sections of concrete missing. Both abutments have wide vertical cracks from the water level to top of concrete. Bearing areas on the south abutment have severe spalls near creosote beams (P3). Severe segregation/erosion with visible cavity in south abutment face. 12x12" creosote beams extend ~1m beyond both abutments and are buried into the ground. North abutment bearing areas F1.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	12x12" creosote beams in fair condition with mild splitting. Unable to inspect underside of creosote chesses due to water/ice restrictions.				
DECK					
Condition:	P1 - Poor	Curbs:	I - Inapplicable		
Hand Rail:	P - Poor	Roadway Condition:	I - Inapplicable		
Approach Rail:	I - Inapplicable				
Comments:	Handrail posts toe-nailed to deck in some locations, 2x6" rails missing and with some cut. No approach/exit rails. No curb or hazard markers. Timber decking heavily worn with numerous splits. Underside of deck not inspectable, but open to elements. Large potholes located at north approach.				
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:	Deep water prevented scour inspection. Road on south side washed out from heavy rainfall.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2025		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Would recommend replacing structure if owned by Department of Transportation and Infrastructure.				
OBSERVATIONS					
Overall Condition:	P1 - Poor	Requires Further Inspection:	No		
Additional Observations:	Sign installed on structure states "Use at own risk, Repaired & maintained by the residents of Makinsons". Structure leads to atv trails and does not service homes or cabins. Licensed Salmon River. Structure not professionally maintained, handrail modifications likely completed by locals in the area. Vertical alignment on south approach very steep. Hazards: Deep water, missing handrails to Brook below. Handrails painted since last inspection. Structure allows one lane traffic.				