

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03022026-1	
Date: 2/12/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-324 - TALC MINE RD OVERPASS - R60			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Assumed condition of buried concrete footings. - Wingwalls have hairline pattern cracks. - Frame legs/struts have damp hairline pattern cracks throughout. - One strut leg on the north side, has a pocket of severe honeycombs with a large internal spall exposing reinforcement with severe corrosion. Medium to wide cracks propagating from the spalled area. Small area of honeycombs visible on the opposite face of the leg. Honeycombs likely through most of the leg's cross section, P3 to P1. Strut leg just to the west, has a small area of delamination to the roadside face, F1. - One strut leg on the south side has a medium crack likely to corner reinforcement. Monitor for spalling on future inspections, F1.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	- Deck soffit has longitudinal cracks propagating from the abutment towards the strut legs. Light efflorescence visible over the abutments. Deck soffit over the south abutment has moderate to severe rust staining. Deck soffit otherwise in fair condition. - Deck fascias have hairline pattern cracks throughout. Light efflorescent material leaching through control joints on the structure corners. - No classic expansion joints. Where typical expansion joints would be, the deck cantilever is cracked leaching water and depositing efflorescent material.				
DECK					
Condition:	F1 - Fair	Curbs:	P3 - Poor		
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	P3 - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. - Structure rail is four rail aluminum system on posts. Minor dents and scrapes along rails, F2 to F1. - Guiderail of type guiderail structures, connected to end blocks and missing all hazard markers. Local rot and splits within some posts. Several deformed rail sections. Standard guiderail around structure in poor condition. - End blocks have hairline cracks throughout. End block and curb on the structures northwest corner has a long, deep, & wide crack likely from an impact. Section is held in place by reinforcement. Crack has active running water. Curb construction joint to deck open on the southwest corner. - Curbs tops covered in snow and uninspectable. Curb exteriors have hairline to narrow vertical cracks. - Asphalt surface has numerous potholes throughout. Bare concrete deck visible in potholes. Widespread waterproofing failure. Wide transverse settlement cracks at the rear of abutments or edge of approach slab, P3 to P1.				
HYDROLOGY					
Water Velocity:	n/a m/s	Ice Problem:	NA - Not Applicable		
Water Depth:	n/a m	Scour Problem:	NA - Not Applicable		
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable		
Comments:	- Not applicable.				
REPLACEMENT/REHABILITATION					

Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$	Replacement Cost:	\$
Recommendations:	- Replace guiderail complete with hazard markers. - Complete various concrete repairs to strut legs. - Complete concrete deck repairs, waterproof and pave structure. - Replace curb/end block on northwest corner.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	P3 to P1 -> Asphalt, northwest curb/end block & north support strut. F1 remainder		

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