

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02112026-3	
Date: 2/11/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-154 - HODGEWATER LINE OVERPASS - EASTBOUND - R1			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Assumed condition of buried concrete footings. - Wide horizontal cracks in sloped paving between structures. - Wingwalls and frame leg corners have narrow to medium pattern cracking throughout. All cracks damp at time of inspection. Numerous spalls to northeast wingwall from a vehicle fire. Memorial in place. ASR gel visible around some aggregates. - Frame leg main faces have medium vertical cracks.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable		
Comments:	- Deck soffit exteriors have hairline damp pattern cracks throughout. Deck soffit interior generally defect free. Narrow angular cracks with very light efflorescence in the haunch of the deck soffit on the northwest corner, F1. - Deck fascia on the southeast corner, over the support, has a wide angular crack. Investigate for potential shear crack, P3. - Curb/deck & curb wingwall construction joints delaminated with a wide, open longitudinal gap. Joint actively leaching water and efflorescent material. North side leachate is light. South side leachate is moderate to severe.				
DECK					
Condition:	P3 - Poor	Curbs:	P3 - Poor		
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	F1 - Fair				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Asphalt potholes exposing concrete deck in several locations. - Structure rail is four rail aluminum system on posts. Severe deformation to post on northwest corner. - Guiderail not of type guiderail structures. Posts and rail in fair condition. One hazard marker missing. - West end blocks have wide cracks, spalling and disintegration throughout. Concrete around Michigan shoe disintegrated, P1. - East end blocks have wide pattern cracks throughout, P3. - Curbs have a wide longitudinal crack with medium abrasions on the roadside face. South curb fascia has wide pattern cracks throughout with light efflorescent material and active water leachate. Curbs under the west end blocks have local disintegration. Caulking to control joints on curb deteriorated. P3 curbs. - Asphalt surface has large pot holes exposing the concrete deck in numerous locations. No waterproofing visible. Severe transverse crack in asphalt at approach slab intersection, P3.				
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:	- Waterproof & resurface structure. - Replace curbs, end blocks & upgrade to guiderail structures. - Complete concrete repairs to all elements.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	- P3 - crack on southwest fascia, asphalt, west end blocks and all curbs. - F1 - remainder.		

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