

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03052026-4	
Date: 2/17/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-139 - HOLYROOD ACCESS ROAD OVERPASS-EASTBOUND - R1			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Assumed condition of buried concrete footings. - Abutment/frame faces have medium vertical cracks and narrow pattern cracking on their corners. - Wingwalls have medium pattern cracks with isolated rust stains. - All strut legs/columns have narrow-medium pattern cracks. Caulking around base of struts disintegrated.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	- Deck fascia has hairline to narrow pattern cracks throughout. Northeast corner has medium to wide longitudinal cracks. Construction joint to curb leaching light efflorescent material. - Deck soffit exteriors have hairline pattern cracks. - Deck soffit between/around struts has hairline-narrow pattern cracking. - On the west deck soffit, the bottom layer of reinforcement is traced/outlined by narrow cracks. - The interior deck soffit of the eastern and center spans are free of concerning defects, F1 to F2.				
DECK					
Condition:	F1 - Fair	Curbs:	P - Poor		
Hand Rail:	P - Poor	Roadway Condition:	P3 - Poor		
Approach Rail:	P1 - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Deck top may need repairs based on visible potholes to the concrete deck. - Structure rail is four rail aluminum system on posts. Southwest corner structure rail and posts appear pushed towards the south. Vantage point poor due to TCH traffic. Structure rail post anchors compromised on the southwest corner, P. - Guiderail not of type guiderail structures and is not connected to end blocks or attached poorly. Guiderail posts have rotten cores throughout with severe splits. End blocks have medium to wide cracks throughout with areas of delamination and spalls. Both hazard markers are missing. - Curbs tops covered in snow and uninspectable. Curb roadside faces have wide longitudinal cracks. Curb fascias/exterior have numerous medium to wide longitudinal cracks some leaching light efflorescent material. On the southwest corner, there is a ~4 meter section spalled exposing two rail post anchors. Curb reinforcement also visible in the section with light corrosion. Surrounding concrete continues to degrade. Jersey barriers placed on roadway below to temporarily protect vehicles/pedestrians from falling concrete. Curb cantilever soffit has various cracks with numerous rust-stained spots and local low cover spalls. Drip beads leaching efflorescent material. Suspect additional delaminations in the element. - Asphalt surface has a wide transverse crack at the start/end of the approach/exit slabs. Bridge deck asphalt has numerous potholes throughout exposing the concrete deck, indicating waterproofing failure.				
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:	- Severe settlement from erosion to southeast rock embedded gutter. - No water course under structure.				
REPLACEMENT/REHABILITATION					

Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$	Replacement Cost:	\$
Recommendations:	- Complete deck repairs, waterproof, and repave structure. - Repair/inject deck fascia cracks. - Seal strut legs. - Replace curbs & structure rail. - Replace standard guiderail on approach/exit. Upgrade applicable sections to "Guiderail Structures" complete with new hazard markers. - Replace end blocks. - Repair erosion to rock embedded gutters.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	- F1 to P3 Overall - P - Severe spalling to southwest curb and structure rail anchorages. The falling concrete area controlled by jersey barriers.		

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