

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02162026-4	
Date: 2/12/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-338 - LEGION ROAD UNDERPASS CBS BYPASS - R			
SUBSTRUCTURE					
Condition:	G - Good	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	- Assumed condition of buried concrete footings. - Light deformation of abutment strip bearings. No visible cracks, F2. - Wingwalls and abutment faces generally defect free. - Frame legs/struts have local hairline pattern cracks near the deck soffit connect. Old patch on south frame legs has surface cracks. - MSE walls covered in graffiti.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor		
Comments:	- Deck soffit has various hairline cracks. - Deck fascias have various hairline cracks. - Expansion joint end dams have small local spalls around armoring. Exposed steel armoring has light corrosion. - South joint leaking onto bearing seat below. No visible leaks on north abutment.				
DECK					
Condition:	P3 - Poor	Curbs:	F1 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	F1 - Fair				
Comments:	- Exposed concrete deck over structure has light to moderate polishing. Deck has a 10 x 4 (40m ²) area near the midpoint with large spalls/potholes exposing reinforcement with moderate to severe corrosion. Suspect areas between potholes are delaminated within this zone. - 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 but has several missing hazard markers. Some posts missing spacer blocks. F1. - End blocks generally in fair condition with local minor surface spalls (from plough) and hairline cracks. - Type C curbs spalled around various wooden posts. Fiber board installed. Review with bridge team for a new detail. - Curbs have light abrasions along the roadway face with local hairline and narrow cracks. Curb exteriors have hairline to narrow vertical cracks. No efflorescent material visible. - Asphalt surface over approach slabs delaminated with potholes throughout. Progressive edge cracking/potholes forming at joint to approach slabs. P3 to P1. - No missing bolts/hardware on mounted signs.				
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 approach asphalt and complete grade work to allow for asphalt over structure. - Complete concrete				

deck repairs. - Consider converting to semi-integral. - Waterproof + resurface structure. - Replace various spacers on guiderail. Install new hazard markers. - Local concrete repairs.

OBSERVATIONS

Overall Condition:	F2 - Fair	Requires Further Inspection:	No
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Additional Observations: P3 exposed concrete deck & leaking joint

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