

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02032026-1	
Date: 1/29/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-354 - THORBURN ROAD UNDERPASS - R50			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	P3 - Poor		
		Bearing Seat:	F2 - Fair		
Comments:	- Assumed condition of buried concrete footings. - Moderate corrosion to steel surface of pot bearing with section loss. Severe corrosion to exterior bearings. Bearing protective coating failed. Unable to inspect piers and pier bearings due to height and access restrictions. - Southwest corner bearing seat has ponding water. - Light rust stains on concrete piers from corroded pot bearings. - Hairline vertical cracks in abutment/wingwalls/ballast walls.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	P - Poor		
Comments:	- Deck soffit has no notable concrete defects, F2. - Hairline pattern cracking in sloped soffit. Hairline vertical cracks in deck fascia, F2. - Seals not seated within expansion joint assembly. Joints are actively leaking. Rust stains on ballast walls, P. - Caulking failed below joints sealing the deck fascia/bearings.				
DECK					
Condition:	F2 - Fair	Curbs:	U - Uninspectable		
Hand Rail:	P1 - Poor	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. - Structure rail is four rail aluminum system. South barrier in fair condition. North barrier has two heavily damaged posts, P1. Northwest corner, bottom rail end cap crushed. - Guiderrail structures installed and connected to end blocks. Most hazard markers missing. Rail on southwest corner has permanent deformations, P3. F1, remainder. - End blocks covered in graffiti. No notable concrete defects, F1. - Curb tops covered in snow and uninspectable, I. - Asphalt on approaches have several open joints caused from previous patches. Bridge and approach slab asphalt in fair condition, F1.				
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. Team Gushue Highway Below.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:		\$	
Recommendations:	- Spray over graffiti. - Sandblast and paint all bearings. - Install hazard markers. - Replace seals in expansion joints. - Replace damaged structure rail posts on north side. - Install caulking on bridge gaps. - Replace bottom rail on northwest corner.				
OBSERVATIONS					
Overall Condition:	P1 - Poor	Requires Further Inspection:	No		
Additional Observations:	- P1 north structure rail. Overall, F1 remainder. - Graffiti covering MSE panels, end blocks, and piers.				