

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02132026-2	
Date: 2/11/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-136 - AVONDALE ACCESS ROAD UNDERPASS - R63			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	F1 - Fair		
		Bearing Seat:	F1 - Fair		
Comments:	- Assumed condition of buried concrete footings. - Abutments faces have narrow to medium vertical cracks. - Ballast wall covered in rust stains likely from expansion joint assembly. - All bearings have local locations of coating failure. No base material corrosion during inspection. - Center pier concrete, bearings and bearing seat uninspectable due to traffic on TCH. No concerns looking from abutments.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	P - Poor		
Comments:	- Deck soffit corners, below expansion joints, have narrow cracks with light efflorescence. Southwest corner has spalls due to low cover. - Deck soffit, away from expansion joints, generally defect free, F2 to F1. - Expansion joint end dams has small spalls throughout. Steel embedment assemblies torn/failed. Seals torn/failed. Water aggressively leaking and causing damage to bridge components below, P. - Exterior caulking in the curbs below the expansion joints failed allowing water ingress to the bearing seat.				
DECK					
Condition:	F1 - Fair	Curbs:	U - Uninspectable		
Hand Rail:	P3 - Poor	Roadway Condition:	F1 - Fair		
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. One post impacted and twisted on the southwest corner. Several rail sections pulled towards the southwest corner. Joiners visible and much longer than normal, P3. F1 remainder. - Guiderail is not of type guiderail structures but is connected to end blocks. Posts & rail likely original and needs replacement. P3 to P1. - Curb tops covered in snow. Uninspectable. Curb exteriors below expansion joints have wide pattern cracks. - Asphalt surface has local small potholes. Water ponding near southwest corner, 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.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:	\$		
Recommendations:	- Replace expansion joints. Potentially convert to semi-integral. - Waterproof and resurface structure. - Complete various concrete repairs to abutments, wingwalls & post-tension blockout. - Replace guiderail with guiderail structures complete with new hazard markers. - Replace torn structure rail post and reposition shifted rails/joiners.				

OBSERVATIONS			
Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:	P Expansion joints P3 rail on southwest corner F1 remainder		

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