

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02112026-2	
Date: 2/5/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-335 - TILTON OVERPASS - R75			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	P3 - Poor		
		Bearing Seat:	F1 - Fair		
Comments:	- Assumed condition of buried concrete footings. - Abutment/ballast walls have narrow vertical cracks with light efflorescence. Light spall to northeast ballast wall. - Exterior pot bearings have complete coating failure with severe corrosion (~>10%) section loss. - Bearing seats have narrow longitudinal cracks. - Interior pot bearings have light to medium surface corrosion with coating failure. - Medium spalling to corners of MSE wall panels. Light surface corrosion to steel handrails atop MSE walls. Graffiti covering MSE panels.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	F1 - Fair		
Comments:	- Transverse PT blockouts on both sides of the bridge, have narrow vertical/pattern cracking and light efflorescent material leaching through the construction joint with the main bridge. - Light abrasions to expansion joint dams. Wide vertical cracks in caulking at expansion joint gaps.				
DECK					
Condition:	F1 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	- Exposed concrete deck has various cracks throughout. Small spalls visible from structure corners. At centerline, ~500mm north of the south expansion joint, there is a large spall exposing reinforcement. Suspect other areas are delaminated, F1 to P3. - Structure rails are cast in place concrete barriers. Barriers have numerous narrow vertical/pattern cracks. Some cracks are actively leaching water and have light efflorescence, F1. - Guiderrail structures installed and connected to concrete barriers. Guiderrail buried in snow at time of inspection. Rear of posts showing medium weathering with local splits, F1. Hazard markers missing. Rock embedded gutter undermined on two corners. - No curbs. - Approach asphalt has light to medium wheel track rutting. Local potholes at structures concrete end dams. Wide transverse crack at approach slabs, 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:	- Repair undermining of rock embedded gutters. - Install hazard markers. - Consider installing new guiderail. - Sandblast and recoat pot bearings. - Complete concrete repairs to exposed concrete deck. - Waterproof exposed				

concrete deck + resurface. - Regrade approaches and install asphalt plug joints.

OBSERVATIONS

Overall Condition: P3 - Poor **Requires Further Inspection:** No

Additional Observations: - P3 - Severe corrosion to pot bearings and undermining of rock embedded gutters. F1 remainder. - Monitor progression of deck spalls on future inspections.

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