

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03052026-3	
Date: 2/17/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-141 - FOXTRAP ACCESS ROAD OVERPASS WEST - R1			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	P3 - Poor		
		Bearing Seat:	P3 - Poor		
Comments:	- Assumed condition of buried concrete footings. - The west abutment's face and towards the southwest corner has large severe spalls exposing reinforcement with severe corrosion. Towards the northwest side, the abutment front face to bearing seat corner is delaminated. This defect extends under the exterior girder's bearing area. On the northwest exterior, the bearing seat is disintegrated forming a concrete drainage ditch along the ballast wall. Bearing seat delaminated around the formation. Along the abutment's front face, the bearing seat to abutment face corner has many but local areas of disintegration caused from running water/leaking expansion joints. P3. - The east abutment's face and towards the southeast corner has large severe spalls exposing reinforcement with severe corrosion. Surrounding area delaminated. Northeast exterior ballast wall has medium wide cracks with severe rust leachate. Center diaphragms damp and has light rust staining around its perimeter connections/joint to the deck and girders. - Interior creep blocks have med-wide cracks on their top corners on both abutments. - All wingwalls generally in fair condition with hairline to narrow pattern cracks, F1. Wingwall to curb construction joint cracked/opening. No visible efflorescence or water leaching through crack. - Numerous elastomeric bearings on both abutments are not in full contact with the girders/bearing seat. Poor initial installation. F1 to P3.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	P - Poor		
Comments:	- Exterior/cantilever deck soffit around the drip bead has longitudinal medium/wide cracks with light to moderate rust staining. Area visibly leaching water and forming icicles. Suspect most of the exterior delaminated. Local spall near mid-span on the south side exposing reinforcement with moderate to severe corrosion. P3. - Deck fascia/curb exterior has a medium to wide longitudinal crack along the length. Crack approximately located along the bottom layer of deck reinforcement. Suspect areas of delamination. Area under and around the expansion joints have medium-wide pattern cracks with delaminations. P3. - Interior deck soffit in fair condition overall with no visible delaminations, spalls or efflorescent material. Various narrow to medium cracks throughout, F1. - Some interior girders have small delaminations/spalls to reinforcement due to low cover. Various girders have narrow-medium longitudinal cracks along the sloped portion of the bottom flange. The bottom flanges of several girders at the eastern support have varying degrees of spalling exposing reinforcement, P3. The northeast exterior girder's bottom flange has severe spalling with delaminations surrounding the existing spall. The spall reveals heavily stratified (very severe corrosion) stirrups. Cracks and honeycombs continue behind the stirrups, P3. Remaining areas of girders, F1. - All expansion joints leaking causing distress to elements below. Wide cracks in concrete end dams. Seal armoring deformed and torn. P.				
DECK					
Condition:	F1 - Fair	Curbs:	P3 - Poor		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	P1 - 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. Minor dents and scrapes along rails. Some rails missing end caps, F1. - Guiderail of type guiderail structures and is connected to end blocks. Many post & spacer block cores rotten with numerous splits throughout. Standard guiderail on approaches & exits need replacement. - End blocks have hairline-narrow pattern cracks, F1. - Curbs tops covered in snow and uninspectable. Curb exterior's have a medium to wide longitudinal crack along the length. Crack approximately located along the bottom layer of deck				

reinforcement. Suspect areas of delamination. Area under and around the expansion joints have medium-wide pattern cracks with delaminations. Wingwall curbs have medium pattern cracks throughout. - Asphalt surface has progressive edge cracking and medium potholes before the approach/east expansion joint. The bridge deck has one small pothole on the east side near the centerline of the roadway. West exit has a large pothole exposing a local disintegrated area on the concrete approach/exit slab.

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 median catch basin grating/covers. - Replace expansion joints. Consider converting to semi-integral. - Concrete deck repairs. - Waterproof and repave deck. - Replace concrete curbs and the exterior deck soffit around the drip bead. - Concrete repairs to abutments, & girder bottom flanges near abutments. - Apply concrete sealer to girders. - Consider jacking bridge and replacing bearings. Many girders have poor contact. - Replace guiderail structures and standard guiderail on approach/exit. - Salvage structure rail and upgrade to structural steel system.		

OBSERVATIONS

Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	- Bridge needs a major rehabilitation. - SAFETY HAZARD – GRATING/COVERS MISSING FROM MEDIAN CATCH BASINS.		

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