

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03062026-4	
Date: 2/17/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-194 - DONOVANS OVERPASS EAST - R1			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	- Assumed condition of buried concrete footings. - North abutment has medium vertical cracks extending down the ballast walls across the bearing seat and down the abutment face around all bearings. The ballast wall has severe rust staining from the expansion joint. - South abutment has medium vertical cracks extending down the ballast walls across the bearing seat and down the abutment face around some bearings. The ballast wall has severe rust staining from the expansion joint. - Both the north and south sets of piers are in fair condition. Local hairline pattern cracks on some faces. - All four wingwalls in fair condition with light cracking. Abutment/wingwall corner heavily rust stained due to expansion joint leakage. - All bearings sliding surfaces, and galvanized protective coatings remain in fair condition. Levelling grout pads have localized small spalls. - Note from previous inspection "The southeast corner slope material is eroding and washing over the slope paving."				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	P - Poor		
Comments:	- The bearing pedestals over both the abutments & piers have densely grouped damp hairline pattern cracks. Possible plastic shrinkage cracking. - Deck soffit has densely grouped < hairline pattern cracks. Possible plastic shrinkage cracking. - Both sides of the deck fascia have local dense hairline pattern cracks. Transverse post-tension blockout leaching light to moderate efflorescent material along the joint near the south abutment. Local spall (~300mmx300mm) section delaminated on the southwest corner. - Both expansion joints have severe damage to armor plating and are leaking throughout. Concrete end dams deformed/rutted. Barrier caulking in expansion gaps cracked and leaking.				
DECK					
Condition:	F1 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	F1 - Fair				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Bridge deck top may have delaminations given its exposure in some locations, F1. - Structure rail is a dual functioning barrier and curb, consisting of a cast-in-place concrete barrier. West interior barrier face has hairline longitudinal cracks towards the south end. Towards the north, hairline pattern cracks dominate. East interior barrier face has dominant narrow damp map cracks throughout. Barrier exterior face has hairline vertical cracks spaced relatively regularly. - Guiderail structures installed. Posts weathered with associated checks and splits. Median/left hazard marker missing, F1. - Asphalt has rutting in both lanes and has worn through in several locations. Bridge deck has several potholes exposing the concrete deck, indicating local waterproofing failure. Other potholes have formed on the approach slab near the expansion joints. Transverse crack/tear forming near the end of the exit slab, F1 to P3.				
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. Kenmount Road Below.			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$	Replacement Cost:	\$
Recommendations:	- Replace expansion joints. Consider converting to semi-integral. - Potentially complete concrete deck repairs. - Inject abutment cracks. - Local concrete repairs. - Waterproof and resurface structure. - Seal concrete barriers on the TCH and column faces exposed to Kenmount Road. - Replace missing hazard marker.		
OBSERVATIONS			
Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:	- P - Expansion joints poor. No longer functioning to protect elements below. Structurally ok. - P3 asphalt surface. - F1 overall as a system.		

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