

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B05272024-1	
Date: 5/27/2024		Inspected By: L Christensen		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		TCH-194 - DONOVANS OVERPASS EAST - R1			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Very similar condition to last inspection. Ballast walls on both abutments have severe rust staining from the expansion joint. Small/medium cracks present in ballast walls, across bearing seat and down abutment face. All piers in fair condition, but hairline map cracking still present in intersection of pier and deck soffit. Two birds nests located on top of the piers noted. Four wing walls in fair condition with light cracking, although they are stained with rust from expansion joint corrosion and leakage.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	P3 - Poor		
Comments:	Both expansion joint have severe damage to the armor plates and seal and are leaking throughout. Both deck sloped fascia's have isolated areas of cracking throughout. The southwest corner, near the bearing seat, is leeching efflorescence through a probable construction joint. The deck soffit is in fair condition throughout with hairline pattern cracking.				
DECK					
Condition:	F1 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	F1 - Fair				
Comments:	Approach guardrails in fair condition with some checks and splits. Missing both hazard markers. Jersey barriers have moderate pattern cracking throughout. Asphalt rutting (Poor) in both lanes with 1 pot hole.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	NA - Not Applicable		
Water Depth:	0 m	Scour Problem:	NA - Not Applicable		
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:					
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	Expansion joints are the most deteriorated element of the bridge followed by deck asphalt.				