

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B05272024-2
Date: 5/27/2024	Inspected By: L Christensen	Category: Office - Bridge Office
BRIDGE INFORMATION		
Site: TCH-195 - DONOVANS OVERPASS WEST - 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. Medium vertical crack in center of southern abutment. All piers in fair condition, but hairline map cracking still present in intersection of pier and deck soffit. 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:	P3 - Poor	
Comments:	Approach guardrails in fair condition with some checks and splits. Two of the approach guardrails have been broken by a probable vehicle collision. Missing one hazard markers. Jersey barriers have moderate pattern cracking throughout. Asphalt rutting (Poor) in both lanes with approximately 10 pot holes.	
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 approach rails and deck asphalt. Cleaning took place on the same day of inspection, but only half the bridge deck was cleaned.	