

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02042025-2	
Date: 1/30/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-064 - VICTORIA RIVER BRIDGE - R			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Assumed condition of buried reinforced abutment footings. Medium erosion along north footing below highwater mark. Hairline to narrow vertical cracks in wingwalls and abutment faces primarily between girder bearings. Medium to severe honeycombing in ballast walls. Unable to inspect bearings and bearing seat on north abutment due to water/ice restrictions.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	P3 - Poor		
Comments:	Light abrasions and deformations to north expansion joint steel embedment and concrete dam. Medium abrasions and deformations to south expansion joint lightly exposing embedment plate. South joint is leaking down ballast wall onto bearing seat P3, contains severe potholes in asphalt exposing concrete deck and medium transverse cracks. Severe spall to SW exterior girder end exposing recessed bearing plate for post tensioning. Medium corrosion with section loss to exposed bearing plate. Medium honeycombing and narrow longitudinal/pattern cracks with light efflorescence in deck soffit. Efflorescence leaking through curb onto girders. Medium horizontal cracks in top flange of exterior girders.				
DECK					
Condition:	F2 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Wide horizontal crack in SW fascia. Hairline pattern/vertical cracks in remaining fascia. Expansion joint caulking severely deteriorated. Severe deformations to northwest and southwest guardrail buried ends. Medium longitudinal cracks, medium spalling and delamination to soffit overhang. Narrow pattern cracking in end blocks.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Stream alignment flows along north abutment.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2027	Replacement Year:	2045		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace expansion joint seal as current joint is defective allowing leakage onto the substructure.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:					

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