

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02182025-7	
Date: 2/13/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-082 - RIVERHEAD BRIDGE - R90-15			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	U - Uninspectable		
		Bearing Seat:	P3 - Poor		
Comments:	Repairs made to all abutment corner exterior creep blocks. Remaining exterior bearing areas have medium cracking with efflorescence, P3. Interior bearing seat area looks intact from the shoreline, F1. Water depth and ice restricting detailed abutment face inspection but from a distance, east abutment has minor rust staining on the surface. Medium erosion to abutment/footing construction joint with possible scour below the surface with medium erosion to concrete on the southeast corner. West abutment same comments but has med-severe erosion to northwest corner concrete due to lack of rip rap, P3.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	P3 - Poor		
Comments:	All double tee pre-cast panels have light spalls with medium corrosion to exposed reinforcement. No evidence of leakage between pre-cast section joints. Areas around deck drains on the underside of deck have exposed reinforcement all around with a small spall, monitor of future inspections, P3. Light efflorescence traveling down face of both abutments indicating expansion joints are leaking from above, P3. Unable to inspect soffit due to water/ice restrictions. Light spalls exposing longitudinal reinforcement in the soffit that is visible from embankment.				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F2 - Fair				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Structure rehabbed in 2021 with new end blocks, new guiderail structures, new aluminum handrail, partial deck overlay repairs, and hydraulic rip rap on embankments. No asphalt exposed concrete deck. Curbs/fascia in fair condition, medium weathering with a possible cold joint on the north side. Mild cracking with efflorescence on the south side.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Stream alignment must take two 90 degree turns before traveling beneath structure. Scour and erosion concerns during high rainfall events.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2035		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair double tees and erosion along abutments.				

OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:			

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