

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B05202025-14	
Date: 5/15/2025		Inspected By: L Christensen		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		4-129 - BALLAM BRIDGE - R440			
SUBSTRUCTURE					
Condition:	P1 - Poor	Bearings:	P3 - Poor		
		Bearing Seat:	P3 - Poor		
Comments:	AB1 in poor condition. Multiple large spalls, largest (failed repair) under the middle bearing. Large vertical and horizontal cracking. Areas of severe EFF. Rust staining from bearings. Light erosion at water line. Very large crack and large crack in pier on either side of the center bearing. Very large crack is downstream. Small vertical cracks around the other two bearings. P2 - Very Large vertical crack just downstream of bearing 2 - same location as other pier. Crack opens up at water line, may be related to erosion. Small crack mapping beneath other two bearings. Abut 2 - Extensive crack mapping with severe efflorescence. Concrete deterioration under bearing 3 downstream, large vertical cracks under each bearing pad. End diaphragms in poor condition.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	P3 - Poor		
Comments:	Expansion joints leaking. All girders have longitudinal cracks in bottom sections. Outside girders in worse condition than center girder.				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Sections of moderate efflorescence, rust staining,				
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:	Possible scour locations.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2027		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:					
OBSERVATIONS					
Overall Condition:	P1 - Poor	Requires Further Inspection:	No		
Additional Observations: Bridge in poor condition, on replacement list for short term.					