

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B05302022-1	
Date: 4/20/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-309 - LAWRENCE BROOK BRIDGE - R			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Original structure extended approximately 2.0 meters upstream and downstream. Assumed condition of buried and submerged reinforced concrete frame leg footings.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Light spalling and honeycombing to all four wing walls. Light erosion to frame leg faces.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	I - Inapplicable				
Comments:	No approach/exit rail installed. No regulation hazard markers on structure. Light spall to upstream curb facia. Medium shoulder/embankment erosion SE/SW corner. Wide cracks with light efflorescence deposits in deck soffit. Light abrasion to aluminum handrails. Narrow vertical/horizontal cracks with light efflorescence in downstream facia. Asphalt has medium wheel rutting, medium raveling, medium transverse cracks, severe longitudinal cracks, and medium edge cracks.				
HYDROLOGY					
Water Velocity:	0.1 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.5 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2024	Replacement Year:	2030		
Antic. Rehab. Cost:	\$40,000.00	Replacement Cost:	\$400,000.00		
Recommendations:	Repair asphalt on deck and approaches. Install approach/exit guiderail with hazard markers. Repair slope erosion SE/SW corners.				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					