

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02062024-16	
Date: 11/7/2023		Inspected By: Strugnell		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		3-090 - SOUTH BROOK BRIDGE - R418-10			
SUBSTRUCTURE					
Condition:		F2 - Fair		Bearings: U - Uninspectable	
				Bearing Seat: F2 - Fair	
Comments:		Abutments/wingwalls has stains at all four corners from joints leaking			
SUPERSTRUCTURE					
Condition:		F2 - Fair		Expansion Joints: U - Uninspectable	
Comments:		Expansion joints leaking paved over, cracking around both joints, stains on abutments from joints leaking			
DECK					
Condition:		F2 - Fair		Curbs: F2 - Fair	
Hand Rail:		F2 - Fair		Roadway Condition: F1 - Fair	
Approach Rail:		F1 - Fair			
Comments:		Approach rail damaged, not structural rail, post undermined, settlement at both approaches, handrail ok, cracking/potholes at approaches, small spalls at curb overhangs			
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:		Water low during inspection, possible scour at abutment two			
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost: \$0		Replacement Cost: \$0			
Recommendations:		Place rip rap at all four corners, install new structural rails, replace joints			
OBSERVATIONS					
Overall Condition:		F2 - Fair		Requires Further Inspection: No	
Additional Observations:		No hazards markers, sidewalk on downstream side, sand build up along sidewalks/curbs			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.