

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B10092024-11	
Date: 9/24/2024		Inspected By: Scott Wight		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		4-031 - BROOM BROOK BRIDGE - R			
SUBSTRUCTURE					
Condition:	G - Good	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Some spalling noted on the northern most bearing seat. Unable to assess bearings and bearing seats on the middle pier. Efflorescence noted on abutments and sidewalls. Spalling and efflorescence noted on the middle pier.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Unable to fully assess expansion joints due to accumulation of winter sand. Some minor spalling noted on the underside of exterior girders. Longitudinal cracks also noted on exterior girders.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Small potholes forming on the concrete deck. Asphalt cracking at joint locations. Spalling and efflorescent deposits noted on the curb fascia and soffit. Minor damage noted on the approach rail.				
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:	P - Possible Problem		
Comments:	Large debris build up at the middle pier.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$TBD	Replacement Cost:	\$TBD		
Recommendations:					
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Winter sand should be removed from curb and deck drains.				

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