

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01162023-1	
Date: 3/29/2022		Inspected By: Jeff Ward		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-084 - NORTHERN BAY BROOK BRIDGE - R			
SUBSTRUCTURE					
Condition:	G - Good	Bearings:	G - Good		
		Bearing Seat:	G - Good		
Comments:	Minor erosion to south footing Narrow longitudinal crack @ south abutment Light honeycombing @ south west wing wall				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F1 - Fair		
Comments:	Expansion joints mostly paved, some exposed concrete around joint where asphalt is damaged. Minor corrosion around @ deck drain and on girder face. Narrow to medium pattern cracking with wide vertical crack @ NE end block and delamination @ SE creep block. Minor honeycombing @ NW diaphragm				
DECK					
Condition:	F2 - Fair	Curbs:	G - Good		
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Guardrail damaged @ SW end block. Narrow pattern cracking in soffit/fascia. Exposed concrete on south approach slab. Map cracking in asphalt and pot holes around expansion joints.				
HYDROLOGY					
Water Velocity:	1.0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.8 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2023	Replacement Year:	2040		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair damaged approach rail @SW end. Repair asphalt				
OBSERVATIONS					
Overall Condition:	G - Good	Requires Further Inspection:	No		
Additional Observations:	Excessive salt and sand build up along curbs. Minor erosion to shoulder @ NE end block.				

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