

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02072025-3	
Date: 2/6/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-084 - NORTHERN BAY BROOK BRIDGE - R			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Structure converted to semi-integral abutment in 2010. No observed defects to elastomeric bearings. Wide vertical crack in north abutment face. Severe cold joint observed in SE wingwall and abutment. Severe erosion along south footing. Formwork remains on bearing seats.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Expansion joints were removed in 2010 rehab when structure was converted to semi-integral. Severe spall to SE exterior girder end. Wide transverse cracks in bottom of interior diaphragm above north bearing seat. Medium disintegration and spalling to NW exterior girder and creep block. Light efflorescence deposits on girders leaking from deck soffit. Hairline longitudinal/transverse cracks in deck soffit. Wide vertical crack in top flange of downstream interior girder near midspan.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Severe deformation to guiderail attached to SW end block and NE exit. Settlement in asphalt at both north and south end of approach slabs. Hairline pattern cracking in fascia. Steel handrails and end blocks in fair condition.				
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:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2027	Replacement Year:	2045		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair approach/exit rail and patch pothole on bridge deck.				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					