

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01272025-5	
Date: 1/23/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-341 - COCHRANE POND BROOK BRIDGE - R3			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Assumed condition of buried / submerged reinforced frame leg footings. Medium spall to NE wingwall near frame leg haunch.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Narrow longitudinal cracks with light efflorescence deposits in deck soffit that continue vertically through haunch into face of frame legs.				
DECK					
Condition:	F2 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F2 - Fair	Roadway Condition:	I - Inapplicable		
Approach Rail:	F1 - Fair				
Comments:	Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Hairline pattern/longitudinal/transverse cracks observed in deck soffit. Medium dents/abrasions and split posts to remaining approach/exit guiderail. Numerous vertical cracks with light efflorescence deposits in concrete barrier walls. Medium asphalt/shoulder erosion at SE end of structure (close to end block). Medium transvers alligator cracks and potholes at approach slab joints. Hairline pattern cracking with light efflorescence in fascia.				
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:	Stream alignment flows along south frame legs.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2030	Replacement Year:	2075		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Install new guiderail structures with hazard markers. Remove graffiti from substructure and superstructure. Stabilize SE embankment and install additional erosion control. Remove debris along barrier walls.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	Embankment erosion undermining edge of asphalt at SE approach (F1). Remainder (F2).				