

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B10032024-8	
Date: 10/3/2024		Inspected By: B. Grandy/D. Avery		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		2-027 - TAYLOR'S BAY BROOK BRIDGE - R220			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	F1 - Fair		
Comments:	Previous inspection - Wingwall and abutment corners have moderate to severe map cracking and moderate efflorescence. One wingwall has a large deep spall and is suspected to be leaking through from the gravel backfill, P3. - Abutment faces have narrow map cracks throughout (away from corners). Exposed concrete footings have severe erosion with wide cracks. - Bearing seat exterior edges have light to moderate spalling but are in fair condition under the bridge deck.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Previous inspection - Deck soffit in fair condition. - No expansion joints. New inspection - Minor honeycombing near abutment 1				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Previous inspection - Approach asphalt have moderate map cracking throughout. Potholes developing, F1. - Exposed concrete deck in fair condition. Light scaling/wear on surface exposing aggregate colors. - Curbs have narrow cracks in isolated locations and are in fair condition. - Structure rail in fair condition. - Guiderail in fair condition, connected to end blocks, does not have regulation post spacing and is missing hazard markers.				
HYDROLOGY					
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.3 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Previous inspection - Shallow slow moving river.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2027	Replacement Year:	2050		
Antic. Rehab. Cost:	\$tbd	Replacement Cost:	\$tbd		
Recommendations:	Previous inspection - Replace hazard markers and upgrade post layout. - Consider brush clearing approaches. - Repair spalls to wingwalls and abutment corners. Waterproof and pave structure if capacity is available.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	Previous inspection - Bridge overall in fair condition with P3 areas. - Scheduled salmon river.				