

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B10042024-2	
Date: 10/4/2024		Inspected By: B. Grandy/D. Avery		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		2-069 - SALMONIER RIVER BRIDGE - R220			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	Previous inspection - Abutments and piers in fair condition from the shoreline with no observed defects. Bearing and bearing seat not accessible but suspected to be in fair condition. - Wingwalls have isolated spalls exposing reinforcement. Wingwalls in fair condition overall.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	P - Poor		
Comments:	Previous inspection - Girders have no observed defects from the shoreline. - Deck soffit cantilever has isolated delaminations and spalls. No deck soffit inspection between girders but suspected to be in fair condition. - Both expansion joints have their armoring damaged or missing. Seals are torn and full of gravels, P.				
DECK					
Condition:	P3 - Poor	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	P3 - Poor				
Comments:	Previous inspection - Approach asphalt has potholes throughout, P3. Exposed concrete deck has several spalls/potholes exposing reinforcement. Suspected wide spread delamination. - Curbs have moderate scaling throughout. - Structure rail in fair condition, no observed defects. - Guiderail does not have regulation post spacing and has various damage throughout, P3. No end blocks. Hazard markers are not regulation size.				
HYDROLOGY					
Water Velocity:	Slow m/s	Ice Problem:	N - No Problem		
Water Depth:	Deep m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Previous inspection - Channel is deep below the bridge.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2025	Replacement Year:	2050		
Antic. Rehab. Cost:	\$tbd	Replacement Cost:	\$tbd		
Recommendations:	Previous inspection - Install end blocks. - Replace guiderail completed with regulation post spacing connected to end blocks and with regulation hazard markers. Overlay the concrete deck. - Resurface approaches. - Waterproof and pave bridge deck if capacity exists. Replace expansion joints.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	Previous inspection - Bridge overall in fair condition. - Close proximity to water. Limited inspection due to deep water under the bridge. No access along abutment faces.				