

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B02062024-8</b>
<b>Date:</b> 11/14/2023	<b>Inspected By:</b> Strugnell	<b>Category:</b> Eng. - Engineering
<b>BRIDGE INFORMATION</b>		
<b>Site:</b>	3-098 - BLACK BROOK BRIDGE - R	
<b>SUBSTRUCTURE</b>		
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b> F2 - Fair
		<b>Bearing Seat:</b> F2 - Fair
<b>Comments:</b>	Some cracking/spalls in abutments and wingwalls from expansion joints leaking, small delamination's in topo corners of abutments	
<b>SUPERSTRUCTURE</b>		
<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b> P3 - Poor
<b>Comments:</b>	Expansions joints full of sand and leaking, asphalt patching around joints since paving approaches and deck, girders ok	
<b>DECK</b>		
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b> F2 - Fair
<b>Hand Rail:</b>	F1 - Fair	<b>Roadway Condition:</b> F2 - Fair
<b>Approach Rail:</b>	F2 - Fair	
<b>Comments:</b>	Approach rail damaged and post broken off, concrete curbs ok, asphalt approaches and paved since last inspection ok, handrail damages in places with plough, deck underside looks ok, some cracking with efflorescence at one end	
<b>HYDROLOGY</b>		
<b>Water Velocity:</b>	0 m/s	<b>Ice Problem:</b> N - No Problem
<b>Water Depth:</b>	0 m	<b>Scour Problem:</b> N - No Problem
<b>Waterway:</b>	01 - Adequate	<b>Debris Problem:</b> N - No Problem
<b>Comments:</b>	No scour, both abutments out of water	
<b>REPLACEMENT/REHABILITATION</b>		
<b>Next Rehab. Date:</b>		<b>Replacement Year:</b>
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b> \$0
<b>Recommendations:</b>	Repair handrails, approach rails, clean off sand on deck, install missing hazard marker, replace expansion joints	
<b>OBSERVATIONS</b>		
<b>Overall Condition:</b>	F2 - Fair	<b>Requires Further Inspection:</b> No
<b>Additional Observations:</b>	Salmon river, sand build up on deck along curbs, one hazard marker missing	