

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B02212024-9</b>
<b>Date:</b> 11/24/2023	<b>Inspected By:</b> Sharron/Rebello	<b>Category:</b> Eng. - Engineering
<b>BRIDGE INFORMATION</b>		
<b>Site:</b>	3-082 - RATTLING BROOK BRIDGE #2 - R351	
<b>SUBSTRUCTURE</b>		
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b> F2 - Fair
		<b>Bearing Seat:</b> F2 - Fair
<b>Comments:</b>	Minor vertical cracks in abutments, expansion joints leaking at bearing seats below curbs, some cracking and efflorescence on wingwalls, moderate crack at south abutment between girders	
<b>SUPERSTRUCTURE</b>		
<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b> P3 - Poor
<b>Comments:</b>	Some cracking and efflorescence under deck above abutments at expansion joints	
<b>DECK</b>		
<b>Condition:</b>	P3 - Poor	<b>Curbs:</b> P3 - Poor
<b>Hand Rail:</b>	P3 - Poor	<b>Roadway Condition:</b> P3 - Poor
<b>Approach Rail:</b>	P3 - Poor	
<b>Comments:</b>	Sand build up on curbs, pavement rough with potholes, handrail not to spec, no structural rail, no end blocks, curbs disintegrated at expansion joints, spalls under south upstream curb overhang	
<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>	Water flow controlled by NL power	
<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>	Replace curbs, expansion joints, hand rail, guide rail, install end blocks, strip waterproof and repave	
<b>OBSERVATIONS</b>		
<b>Overall Condition:</b>	F1 - Fair	<b>Requires Further Inspection:</b> No
<b>Additional Observations:</b>		