

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B05232024-1</b>	
<b>Date:</b> 4/10/2024	<b>Inspected By:</b> Trevor Upshall	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	1-377 - LOWER GULLIES BROOK BRIDGE - R2		
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b>	F2 - Fair
		<b>Bearing Seat:</b>	F2 - Fair
<b>Comments:</b>	Light bulging and cracking in elastomeric bearings. Narrow vertical cracks in ballast and abutment walls with light efflorescence. Hairline longitudinal cracks in bearing seat. Light corrosion to bearing plate welds and bolts. Narrow vertical cracks in NW/SW wingwalls. Formwork still in place at SW/NE corner between ballast wall and girder ends.		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b>	F2 - Fair
<b>Comments:</b>	Narrow transverse cracks in deck soffit. Hairline transverse cracks in NW cantilever soffit. Light honeycombing to bottom flange of north exterior girder. No observed defects to girder diaphragms. Numerous longitudinal cracks in top flange of south girders. Cracks appear to be sealed with epoxy. Rust stains on SE ballast wall indicating leaking expansion joint.		
<b>DECK</b>			
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b>	I - Inapplicable
<b>Hand Rail:</b>	F2 - Fair	<b>Roadway Condition:</b>	F2 - Fair
<b>Approach Rail:</b>	F2 - Fair		
<b>Comments:</b>	Narrow vertical cracks with light efflorescence deposits in barrier walls. Safety rail end piece missing at SW corner. Graffiti covering girders, wingwalls, MSE walls and abutments. NW/SE hazard markers missing.		
<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>			
<b>REPLACEMENT/REHABILITATION</b>			
<b>Next Rehab. Date:</b>	2040	<b>Replacement Year:</b>	2090
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0
<b>Recommendations:</b>			
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	F2 - Fair	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b>			