

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B01312024-2</b>	
<b>Date:</b> 11/15/2023	<b>Inspected By:</b> Strugnell		<b>Category:</b> Eng. - Engineering		
<b>BRIDGE INFORMATION</b>					
<b>Site:</b>	TCH-052 - BIRCHY LAKE BRIDGE - R1				
<b>SUBSTRUCTURE</b>					
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b>	F2 - Fair		
		<b>Bearing Seat:</b>	F2 - Fair		
<b>Comments:</b>	Cracking and spall at both abutments and piers				
<b>SUPERSTRUCTURE</b>					
<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b>	F2 - Fair		
<b>Comments:</b>	Expansion joints full of sand, some spalls at end of girders				
<b>DECK</b>					
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b>	F2 - Fair		
<b>Hand Rail:</b>	P1 - Poor	<b>Roadway Condition:</b>	F1 - Fair		
<b>Approach Rail:</b>	F1 - Fair				
<b>Comments:</b>	Handrail damaged tied up (four post broken off) approach rail damaged with multiple post broken off, transverse cracking in deck throughout, transverse cracks underside of deck with efflorescence, potholes forming in deck, cracking and spalling in curbs				
<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>	Shoulder erosion at approach east side				
<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 damaged handrail and approach rails, rehab curbs, abutments, bearing seats, install hazard marker, repair washout east side, repair deck, waterproof and pave, monitor cracks in deck				
<b>OBSERVATIONS</b>					
<b>Overall Condition:</b>	F2 - Fair	<b>Requires Further Inspection:</b>	No		
<b>Additional Observations:</b>	Asphalt on west side paved in 2023, one hazard marker missing				