

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B07312024-11</b>
<b>Date:</b> 7/31/2024	<b>Inspected By:</b> Lars/Sarah	<b>Category:</b> Office - Bridge Office
<b>BRIDGE INFORMATION</b>		
<b>Site:</b>	TCH-048 - SOUTH BROOK BRIDGE (HALL'S BAY) - R	
<b>SUBSTRUCTURE</b>		
<b>Condition:</b>	F1 - Fair	<b>Bearings:</b> U - Uninspectable
		<b>Bearing Seat:</b> F1 - Fair
<b>Comments:</b>	Recent rehab work looks good. Minor vertical cracking on both abutments. Medium spalls on north abutment exposing reinforcement with moderate corrosion.	
<b>SUPERSTRUCTURE</b>		
<b>Condition:</b>	F1 - Fair	<b>Expansion Joints:</b> F1 - Fair
<b>Comments:</b>	Minor efflorescence at joint between end diaphragm and deck. Evidence of expansion joint leaking on both abutments near the sidewalk concrete barrier. Waterproofing not completed properly in area.	
<b>DECK</b>		
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b> F1 - Fair
<b>Hand Rail:</b>	F2 - Fair	<b>Roadway Condition:</b> F2 - Fair
<b>Approach Rail:</b>	F2 - Fair	
<b>Comments:</b>	Newly paved. Minor cracking in sidewalk and curbs. Narrow shrinkage cracks in concrete barriers.	
<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>	Good rip rap protection around abutments and pier.	
<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>		
<b>OBSERVATIONS</b>		
<b>Overall Condition:</b>	F1 - Fair	<b>Requires Further Inspection:</b> No
<b>Additional Observations:</b>	Overall F1, rehab looks good. We need to look at waterproofing detail around sidewalk/barrier in the future.	