

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B07312024-4</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-172 - JUMPER'S BROOK BRIDGE - R	
<b>SUBSTRUCTURE</b>		
<b>Condition:</b>	P3 - Poor	<b>Bearings:</b> U - Uninspectable
		<b>Bearing Seat:</b> U - Uninspectable
<b>Comments:</b>	Bearing and bearing seat covered by end diaphragm. Minor erosion at all 4 wing walls. Medium cracks and delamination on all wing walls. Large vertical cracks in both abutments. New sections of concrete on the corners of the abutments have significant delamination and large cracks.	
<b>SUPERSTRUCTURE</b>		
<b>Condition:</b>	P3 - Poor	<b>Expansion Joints:</b> U - Uninspectable
<b>Comments:</b>	Extensive cracking in the base of 5 double tee girder sections at both ends. Majority of girders have cracking at bottom reinforcement at the mid span. Some of the cracks have been partially repaired/covered in the last rehab. Both expansion joints paved over.	
<b>DECK</b>		
<b>Condition:</b>	F1 - Fair	<b>Curbs:</b> F1 - Fair
<b>Hand Rail:</b>	F1 - Fair	<b>Roadway Condition:</b> P3 - Poor
<b>Approach Rail:</b>	P3 - Poor	
<b>Comments:</b>	Multiple pot holes at east expansion joint.	
<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>	Rip rap should be added to east side of waterway to protect abutment.	
<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>	P3 - Poor	<b>Requires Further Inspection:</b> No
<b>Additional Observations:</b>	Continue monitoring new sections of abutment concrete for further delamination and spalling. Continue to monitor double tee widespread deterioration.	