

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B01102020-7</b>	
<b>Date:</b> 11/7/2019	<b>Inspected By:</b> Lynch R / Martin L	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	TCH-033 - INDIAN ARM BROOK BRIDGE		
<b>Route:</b>		<b>Overall Length:</b>	20.3 m
<b>Year Built:</b>	1964	<b>Est:</b> No	<b>Overall Width:</b> 13.6 m
<b>Year Last Rehab.:</b>		<b>Est:</b> No	<b>Roadway Width:</b> 12.1 m
<b>Region:</b>	CENTRAL WEST	<b>Sidewalk Width:</b>	0 m
<b>Jurisdiction:</b>	Provincial	<b>Clearance to R.D. or N.W.L.:</b>	2 m
<b>Type of Structure:</b>	02 - Double Tee	<b>Max Depth of N.W.L.:</b>	1 m
<b>Purpose of Structure:</b>	04 - Over Non-Navigable Waters		
<b>Type of Handrail:</b>	01 - Aluminum Rail		
<b>Roadway Surface:</b>	02 - Asphalt	<b>Span No.:</b>	<b>Length</b>
<b>Alignment Vertical:</b>	01 - Good	<b>Span No.:</b>	<b>Length</b>
<b>Alignment Horizontal:</b>	01 - Good	<b>Span No.:</b>	<b>Length</b>
<b>Restrictions:</b>	No		
<b>BRIDGE PHOTOS</b>			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b>	U - Uninspectable
		<b>Bearing Seat:</b>	F1 - Fair
<b>Comments:</b>	Bearing seat spalled in a few places (2 @ abutment #1 and 1 at abutment #2). Medium scour on footings.		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	F1 - Fair	<b>Expansion Joints:</b>	I - Inapplicable
<b>Comments:</b>	Outside double tee LHS has a large spall at abutment #2 with tendon broken. Double tee near centreline of structure is cracked and delaminated on bottom of leg.		
<b>DECK</b>			
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b>	F2 - Fair
<b>Hand Rail:</b>	F2 - Fair	<b>Roadway Condition:</b>	F2 - Fair
<b>Approach Rail:</b>	F2 - Fair		
<b>Comments:</b>	Medium-wide cracks in curbs. Hazard markers too low. Minor plow damage to curb corners and hand rail. Few cracks and patches in asphalt surface.		
<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>	P - Possible Problem
<b>Waterway:</b>	01 - Adequate	<b>Debris Problem:</b>	N - No Problem

<b>Comments:</b> No rip rap in front of footings.	
<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> Repair bearing seats, double tees and curb corners. Heighten hazard markers.	
<b>OBSERVATIONS</b>	
<b>Overall Condition:</b> F2 - Fair	<b>Requires Further Inspection:</b> No
<b>Additional Observations:</b> Structure widened in the past.	
<b>LEGEND:</b>	
<b>Condition Definitions:</b>	<b>Problem Definitions:</b>
1 - *Good - [discontinued code].	N - No Problem.
2 - *Fair - [discontinued code].	P - Possible Problem.
3 - *Poor - [discontinued code].	K - Known Problem.
4 - *Unsafe - [discontinued code].	NA - Not Applicable.
G - Good.	
F2 - Fair.	
F1 - Fair.	
P3 - Poor.	
P1 - Poor.	
P - Poor.	
C - Unsafe (Closed to Public).	
U - Uninspectable.	
I - Inapplicable.	
<b>Category Definitions:</b>	
Maint. - Maintenance.	
Eng. - Engineering.	
Office - Bridge Office.	
<b>PHOTO GUIDELINES:</b>	
<b>Inspection Photos:</b>	
Please provide photos using guidelines below:	
<ul style="list-style-type: none"> <li>• Any item which inspector feels should be documented by photograph</li> <li>• All items noted above as being P3, P1, P, or C</li> <li>• Any evidence of known ice, scour, debris, waterway problems</li> </ul>	
<b>INSPECTION PHOTOS</b>	

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.