

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B01172023-3</b>	
<b>Date:</b> 4/18/2022	<b>Inspected By:</b> Mike Fleming	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	4-054 - ISLE AUX MORTS RIVER BRIDGE		
<b>Route:</b>	470	<b>Overall Length:</b>	77.5 m
<b>Year Built:</b>	1967	<b>Est: No</b>	<b>Overall Width:</b> 7.7 m
<b>Year Last Rehab.:</b>		<b>Est: Yes</b>	<b>Roadway Width:</b> 7.2 m
<b>Region:</b>	WEST COAST/NORTHERN		<b>Sidewalk Width:</b> 0 m
<b>Jurisdiction:</b>	Provincial	<b>Clearance to R.D. or N.W.L.:</b>	20 m
<b>Type of Structure:</b>	10 - Callender-Hamilton or Other Stress Truss Bridge		<b>Max Depth of N.W.L.:</b> 1 m
<b>Purpose of Structure:</b>	03 - Over Navigable Waters		<b>Spans:</b>
<b>Type of Handrail:</b>	06 - None	<u>Span No.:</u>	<u>Length</u>
<b>Roadway Surface:</b>	03 - Timber	1	62.2
<b>Alignment Vertical:</b>	01 - Good	2	0
<b>Alignment Horizontal:</b>	01 - Good	3	0
<b>Restrictions:</b>	No		
<b>BRIDGE PHOTOS</b>			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b>	G - Good
		<b>Bearing Seat:</b>	F2 - Fair
<b>Comments:</b>	light spalling and exposed rebar noted on abutment wall; light delamination noted on wingwall. Significant accumulation of winter sand noted on bearing seat.		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	U - Uninspectable	<b>Expansion Joints:</b>	F2 - Fair
<b>Comments:</b>	un-inspectable due to significant accumulation of winter sand noted on girders and cross members. Some sections of moderate corrosion observed on girders and cross members. Also some sections of Light to moderate sectional loss noted on cross members.		
<b>DECK</b>			
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b>	G - Good
<b>Hand Rail:</b>	G - Good	<b>Roadway Condition:</b>	G - Good
<b>Approach Rail:</b>	F2 - Fair		
<b>Comments:</b>	Light to moderate damage noted on the approach rail buried ends and end blocks.		
<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>	2022	<b>Replacement Year:</b>	
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0
<b>Recommendations:</b>	Further assessment of bearing seats, girders, and cross members required due to significant accumulations of winter sand.		
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	U - Uninspectable	<b>Requires Further Inspection:</b>	Yes
<b>Additional Observations:</b>	Full inspection could not be completed due to significant accumulation of winter sand and limited assess. Further assessment is required. Pics are on file		
<b>LEGEND:</b>			
<b>Condition Definitions:</b>		<b>Problem Definitions:</b>	
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.
G - Good.	P - Poor.		
<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 2024.