



GOVERNMENT OF  
NEWFOUNDLAND  
AND LABRADOR  
Department of Transportation and Infrastructure

**BRIDGE INSPECTION REPORT**  
**B01302020-11**

Date: 1/30/2020

Inspected By: Alex Ford

Category: Eng. - Engineering

**BRIDGE INFORMATION**

Site:	2-117 - JEAN DE BAIE BRIDGE NO.2				
Route:	210-23-3	Overall Length:	6 m		
Year Built:	1975	Est: No	Overall Width:	4.5 m	
Year Last Rehab.:		Est: No	Roadway Width:	4.3 m	
Region:	CENTRAL EAST	Sidewalk Width:	0 m		
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1 m		
Type of Structure:	11 - Timber Bridge	Max Depth of N.W.L.:	1 m		
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:			
Type of Handrail:	03 - Timber Rail	<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	03 - Timber	1	3	4	0
Alignment Vertical:	01 - Good	2	0	5	0
Alignment Horizontal:	01 - Good	3	0	6	0
Restrictions:	No				

**BRIDGE PHOTOS**





**SUBSTRUCTURE**

<b>Condition:</b>	P3 - Poor	<b>Bearings:</b>	I - Inapplicable
		<b>Bearing Seat:</b>	F2 - Fair
<b>Comments:</b>	Creosote timber abutment with some pressure treated repair timbers. Lower 1/2 of abutments are significantly swollen, bulged and connections are failing.		

**SUPERSTRUCTURE**

<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b>	I - Inapplicable
<b>Comments:</b>	5 timber beams, 200mm wide by 250mm high.		

**DECK**

<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>	I - Inapplicable		
<b>Comments:</b>	Timber decking with 50mm timber wearing surface, light weathering. Timber hand rail has minor rot and splits. Object marker abutment two right missing.		

**HYDROLOGY**

<b>Water Velocity:</b>	m/s	<b>Ice Problem:</b>	N - No Problem
<b>Water Depth:</b>	m	<b>Scour Problem:</b>	N - No Problem
<b>Waterway:</b>	01 - Adequate	<b>Debris Problem:</b>	N - No Problem
<b>Comments:</b>	Tidal. Depth and Velocity vary. Some rip rap rolled into channel.		

**REPLACEMENT/REHABILITATION**

<b>Next Rehab. Date:</b>		<b>Replacement Year:</b>	
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0
<b>Recommendations:</b>	Replace with culvert.		

**OBSERVATIONS**

<b>Overall Condition:</b>	P3 - Poor	<b>Requires Further Inspection:</b>	No
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**Additional Observations:**

**LEGEND:**

**Condition Definitions:**

- 1 - \*Good - [discontinued code].
- 2 - \*Fair - [discontinued code].
- 3 - \*Poor - [discontinued code].
- 4 - \*Unsafe - [discontinued code].
- G - Good.

- F2 - Fair.
- F1 - Fair.
- P3 - Poor.
- P1 - Poor.
- P - Poor.

- C - Unsafe (Closed to Public).
- U - Uninspectable.
- I - Inapplicable.

**Problem Definitions:**

- N - No Problem.
- P - Possible Problem.
- K - Known Problem.
- NA - Not Applicable.

**Category Definitions:**

- Maint. - Maintenance.
- Eng. - Engineering.
- Office - Bridge Office.

**PHOTO GUIDELINES:**

**Inspection Photos:**

Please provide photos using guidelines below:

- Any item which inspector feels should be documented by photograph
- All items noted above as being P3, P1, P, or C
- Any evidence of known ice, scour, debris, waterway problems

**INSPECTION PHOTOS**

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