



GOVERNMENT OF
NEWFOUNDLAND
AND LABRADOR
Department of Transportation and Infrastructure

BRIDGE INSPECTION REPORT
B02092021-2

Date: 2/9/2021

Inspected By: Alex Ford

Category: Eng. - Engineering

BRIDGE INFORMATION

Site:	2-176 - L'ANSE AU LOUP NO.2 (OLD)		
Route:	210	Overall Length:	15 m
Year Built:	1940	Est: Yes	Overall Width: 5.5 m
Year Last Rehab.:		Est: No	Roadway Width: 5 m
Region:	CENTRAL EAST		Sidewalk Width: 0 m
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.: 2 m
Type of Structure:	03 - Reinforced Concrete Beam/Slab		Max Depth of N.W.L.: 1 m
Purpose of Structure:	04 - Over Non-Navigable Waters		Spans:
Type of Handrail:	02 - Concrete Rail		<u>Span No.:</u> <u>Length</u> <u>Span No.:</u> <u>Length</u>
Roadway Surface:	01 - Concrete	1	10 4 0
Alignment Vertical:	01 - Good	2	0 5 0
Alignment Horizontal:	01 - Good	3	0 6 0
Restrictions:	Yes		
Describe Restrictions:	Load limit 5 tonnes.		

BRIDGE PHOTOS



SUBSTRUCTURE

Condition:	P1 - Poor	Bearings:	I - Inapplicable
		Bearing Seat:	P1 - Poor

Comments: Concrete abutments and wingwalls. Extensive deterioration throughout. Wing wall left side abutment one has

broken off and fell into the river.

SUPERSTRUCTURE

Condition: P - Poor **Expansion Joints:** I - Inapplicable
Comments: 3 Reinforced concrete beam. Significant longitudinal cracking with efflorescence and spalling, appears to be sagging slightly.

DECK

Condition: P - Poor **Curbs:** P - Poor
Hand Rail: P - Poor **Roadway Condition:** P - Poor
Approach Rail: I - Inapplicable
Comments: Exposed concrete deck with gravel approaches. Deck surface and edges have severe deterioration. Hand rails are a cobble of original concrete, flex beam and timber.

HYDROLOGY

Water Velocity: 0.5 m/s **Ice Problem:** N - No Problem
Water Depth: 0.5 m **Scour Problem:** K - Known Problem
Waterway: 01 - Adequate **Debris Problem:** N - No Problem
Comments: Minor scour at abutment one left. 0.1 to 0.2 m in depth, may have contributed to the collapse of the wing wall on this side.

REPLACEMENT/REHABILITATION

Next Rehab. Date: **Replacement Year:**
Antic. Rehab. Cost: \$0 **Replacement Cost:** \$0
Recommendations: Bridge office to further advise on repairs or replacement. Load limit recommended until further notice.

OBSERVATIONS

Overall Condition: P - Poor **Requires Further Inspection:** No
Additional Observations: Load limit 5 tonnes.

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