

GOVERNMENT OF
NEWFOUNDLAND
AND LABRADOR
Department of Transportation and Inf

BRIDGE INSPECTION REPORT B02242012-9

Department of Transportation and Infrastructure Date: 2/16/2012 Inspected By: Darren Fitzgerald Category: Eng. - Engineering **BRIDGE INFORMATION** Site: 4-188 - WATT'S BROOK BRIDGE 18.5 m Route: **Overall Length:** 1940 Year Built: Est: Yes **Overall Width:** 4.1 m Year Last Rehab.: Est: No Roadway Width: 3.5 m Region: WEST COAST/NORTHERN Sidewalk Width: 0 **m** Clearance to R.D. or Jurisdiction: Provincial 2.5 m N.W.L.: Type of Structure: 09 - Bailey Bridge Max Depth of N.W.L.: 0.6 m 03 - Over Navigable Waters Purpose of Structure: Spans: 04 - Steel Rail Type of Handrail: Span No.: Length Span No.: Length 03 - Timber Roadway Surface: 1 18.5 4 0 01 - Good 2 0 5 0 Alignment Vertical: 3 0 6 0 01 - Good Alignment Horizontal: No Restrictions: **BRIDGE PHOTOS SUBSTRUCTURE** Condition: P - Poor Bearings: F2 - Fair P - Poor **Bearing Seat:** Abutment walls collapsed (timber faces); Bearing seat is existing ground approx. 10' from existing abutment face Comments: **SUPERSTRUCTURE** Condition: F1 - Fair **Expansion Joints:** I - Inapplicable Comments: Panels have noticable ice damage; underlying sway bracing has been damaged and stressed from ice **DECK** Condition: G - Good Curbs: G - Good Hand Rail: I - Inapplicable **Roadway Condition:** G - Good Approach Rail: I - Inapplicable Comments: No end blocks; no approach rail; structure requires fencing or handrail **HYDROLOGY** Water Velocity: 0 m/s Ice Problem: K - Known Problem $0 \, \mathbf{m}$ Scour Problem: K - Known Problem Water Depth: 01 - Adequate **Debris Problem:** P - Possible Problem Waterway:

Ice damage noticable on remaining abutment faces and structure Comments: REPLACEMENT/REHABILITATION

2012 2012 Replacement Year: Next Rehab. Date:

Antic. Rehab. Cost: \$0 \$0 **Replacement Cost:**

Reinstall all requiredditems noted above or close structure; Dept does not maintain road as Big Brook has Recommendations:

resettled

OBSERVATIONS

P - Poor **Requires Further** No **Overall Condition:**

Inspection:

Additional Observations: N: 51d 33' W: 56d 02'

EGEND:

Condition Definitions:

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

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

- 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 spould be documented by photograph
All items noted above as being P3 P1 P1, or C
Any evidence of known ice, scour, debris, waterway problems

INSPECTION PHOTOS







Description:



Description:



Description:

Description: Description:

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