



GOVERNMENT OF
NEWFOUNDLAND
AND LABRADOR
Department of Transportation and Infrastructure

BRIDGE INSPECTION REPORT
B02032020-10

Date: 2/3/2020

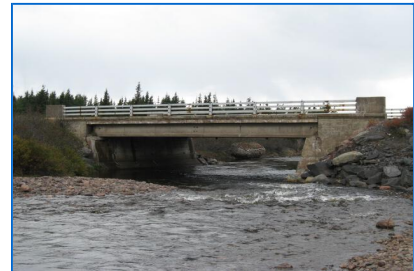
Inspected By: Alex Ford

Category: Eng. - Engineering

BRIDGE INFORMATION

Site:	2-024 - FAMINE BROOK BRIDGE			Overall Length:	23.4 m
Route:	210			Overall Width:	12 m
Year Built:	1969	Est: No		Roadway Width:	10.6 m
Year Last Rehab.:	2013	Est: No		Sidewalk Width:	0 m
Region:	CENTRAL EAST			Clearance to R.D. or N.W.L.:	2.1 m
Jurisdiction:	Provincial			Max Depth of N.W.L.:	1 m
Type of Structure:	01 - AASH to Girder			Spans:	
Purpose of Structure:	04 - Over Non-Navigable Waters			<u>Span No.:</u>	<u>Length</u>
Type of Handrail:	04 - Steel Rail			<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt			1	16
Alignment Vertical:	01 - Good			2	0
Alignment Horizontal:	01 - Good			3	0
Restrictions:	No			4	0

BRIDGE PHOTOS





SUBSTRUCTURE

Condition:	F2 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	Concrete abutments and wingwalls. Minor concrete erosion in the flow area. Light cracking with efflorescence in wingwalls.		

SUPERSTRUCTURE

Condition:	F2 - Fair	Expansion Joints:	F2 - Fair
Comments:	AASHTO girders. Some exposed rebar in diaphragms. Joint in curb only - Inverseal with dymeric.		

DECK

Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	F2 - Fair		
Comments:	Minor impact spall right curb at joint one.		

HYDROLOGY

Water Velocity:	0.5 m/s	Ice Problem:	N - No Problem
Water Depth:	1.0 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Scour repairs made in 2018.		

REPLACEMENT/REHABILITATION

Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Monitor scour repairs.		

OBSERVATIONS

Overall Condition:	F2 - Fair	Requires Further Inspection:	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.