



GOVERNMENT OF  
NEWFOUNDLAND  
AND LABRADOR  
Department of Transportation and Infrastructure

**BRIDGE INSPECTION REPORT**  
**B07232024-4**

Date: 7/19/2024

Inspected By: D. Burns/J. Rowe/B. Grandy

Category: Eng. - Engineering

**BRIDGE INFORMATION**

Site:	2-036 - RUSHOON RIVER BRIDGE				
Route:	210	Overall Length:	29.7 m		
Year Built:	1970	Est: No	Overall Width:	13.7 m	
Year Last Rehab.:	2023	Est: No	Roadway Width:	12.2 m	
Region:	CENTRAL EAST				
Jurisdiction:	Provincial				
Type of Structure:	01 - AASH to Girder	Clearance to R.D. or N.W.L.:	6 m		
Purpose of Structure:	04 - Over Non-Navigable Waters				
Type of Handrail:	04 - Steel Rail	Max Depth of N.W.L.:	1 m		
Roadway Surface:	02 - Asphalt	<b>Spans:</b>			
Alignment Vertical:	01 - Good	<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>	<u>Length</u>
Alignment Horizontal:	01 - Good	1	14.6	4	0
Restrictions:	No	2	0	5	0
		3	0	6	0

**BRIDGE PHOTOS**





**SUBSTRUCTURE**

<b>Condition:</b>	F2 - Fair	<b>Bearings:</b>	P3 - Poor
		<b>Bearing Seat:</b>	P3 - Poor
<b>Comments:</b>	Left side abutment 1 corner has new concrete encasing, as well as all of abutment 2 face and abutment 2 wingwalls. Abutment 1 wall has moderate cracking with efflorescence in areas. Some noticeable cold joints as well in abutment 1. Rebar sticking out of abutment 1 footing. Cracking and efflorescence on wingwalls of abutment 1.		

**SUPERSTRUCTURE**

<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b>	F2 - Fair
<b>Comments:</b>	7 AASHTO girders. Rust staining and efflorescence staining on all girders. Longitudinal cracking on outside edge of girder 1. Disintegration of fascia on right side near abutment 1.		

**DECK**

<b>Condition:</b>	G - Good	<b>Curbs:</b>	F2 - Fair
<b>Hand Rail:</b>	G - Good	<b>Roadway Condition:</b>	F2 - Fair
<b>Approach Rail:</b>	F2 - Fair		
<b>Comments:</b>	Heavy sand and salt build up on deck. Guard rail is bent in some areas and structural rail is starting to rot. Some vegetation growing between curb and asphalt. Underside of deck has some areas of cracking with efflorescence seeping through.		

**HYDROLOGY**

<b>Water Velocity:</b>	1 m/s	<b>Ice Problem:</b>	N - No Problem
<b>Water Depth:</b>	1.5 m	<b>Scour Problem:</b>	P - Possible Problem
<b>Waterway:</b>	01 - Adequate	<b>Debris Problem:</b>	N - No Problem
<b>Comments:</b>	Unable to check for scouring, not suspected.		

**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>	Rehabbed in 2023.		

**OBSERVATIONS**

<b>Overall Condition:</b>	F2 - Fair	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b>			