

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B07162021-11	
Date: 7/8/2021	Inspected By: McCaw J	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	3-109 - RED CLIFF ROAD BRIDGE		
Route:		Overall Length:	11 m
Year Built:	1965	Est: Yes	Overall Width: 7 m
Year Last Rehab.:	1999	Est: No	Roadway Width: 6.2 m
Region:	CENTRAL WEST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.4 m
Type of Structure:	03 - Reinforced Concrete Beam/Slab	Max Depth of N.W.L.:	0.3 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	06 - None	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	6.1
Alignment Vertical:	02 - Adequate	2	0
Alignment Horizontal:	02 - Adequate	3	0
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	F1 - Fair
Comments:	Wide cracks in abutment and wingwalls.		
SUPERSTRUCTURE			
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable
Comments:	Spalling concrete on outside girders with rebar exposed. Minor cracking throughout		
DECK			
Condition:	F1 - Fair	Curbs:	P3 - Poor
Hand Rail:	I - Inapplicable	Roadway Condition:	P3 - Poor
Approach Rail:	P3 - Poor		
Comments:	Approach rail damaged. Road has many patches. Deck is leaking. Curbs (timber) are leaning. No hazard markers present.		
HYDROLOGY			
Water Velocity:	0.1 m/s	Ice Problem:	N - No Problem
Water Depth:	0.1 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem

Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2030	Replacement Year:	2040
Antic. Rehab. Cost:	\$50000	Replacement Cost:	\$1000000
Recommendations:	Appears to be a non-maintained structure		
OBSERVATIONS			
Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:	Parking ok. Hazards: traffic, slipping, water		
LEGEND:			
Condition Definitions:		Problem Definitions:	
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.
G - Good.	P - Poor.		
Category Definitions:			
Maint. - Maintenance.			
Eng. - Engineering.			
Office - Bridge Office.			
PHOTO GUIDELINES:			
Inspection Photos:			
Please provide photos using guidelines below:			
<ul style="list-style-type: none"> ● 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.