

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01302023-1	
Date: 4/28/2022	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	4-097 - ROBINSONS RIVER BRIDGE		
Route:		Overall Length:	129.9 m
Year Built:	1982	Est: No	Overall Width: 11.3 m
Year Last Rehab.:		Est: No	Roadway Width: 8.8 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 2 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	0 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	0 m
Purpose of Structure:	03 - Over Navigable Waters		Spans:
Type of Handrail:	01 - Aluminum Rail		<u>Span No.:</u> <u>Length</u> <u>Span No.:</u> <u>Length</u>
Roadway Surface:	02 - Asphalt	1	36.3 4 0
Alignment Vertical:	01 - Good	2	36.3 5 0
Alignment Horizontal:	01 - Good	3	36.3 6 0
Restrictions:	No		
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	G - Good
		Bearing Seat:	G - Good
Comments:	One section of exposed and corroded steel on abutment footing. Light efflorescence deposits noted on abutments. Cannot assess piers for potential scour and erosion		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	P3 - Poor
Comments:	Expansion joints are damaged and leaking. No Michigan shoe inserts for end block guiderail.		
DECK			
Condition:	P3 - Poor	Curbs:	P3 - Poor
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor
Approach Rail:	F1 - Fair		
Comments:	Curb is severely deteriorated in sections with exposed and corroded steel. Handrail was noted to have a low height. Light to moderate damage also noted on approach rail. Significant amount of asphalt patching adjacent to expansion joints.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0 m	Scour Problem:	P - Possible Problem

Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2023	Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Repair curb, replace expansion joints, handrail, approach rail, end blocks with Michigan shoe inserts, install structural approach rail and resurface approaches and deck.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	Hazard markers missing; significant accumulation of winter sand along curbs and approach rail. Inspection pics on file.		
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 2024.