

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01072021-2																	
Date: 1/7/2021	Inspected By: Mike Fleming	Category: Eng. - Engineering																	
BRIDGE INFORMATION																			
Site:	4-173 - BARTLETT'S RIVER BRIDGE																		
Route:		Overall Length:	19 m																
Year Built:	1970	Est: Yes	Overall Width: 9 m																
Year Last Rehab.:	1996	Est: No	Roadway Width: 7.4 m																
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m																
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.: 2.4 m																
Type of Structure:	03 - Reinforced Concrete Beam/Slab		Max Depth of N.W.L.: 0.5 m																
Purpose of Structure:	03 - Over Navigable Waters		Spans:																
Type of Handrail:	01 - Aluminum Rail		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Span No.:</u></th> <th style="text-align: left;"><u>Length</u></th> <th style="text-align: left;"><u>Span No.:</u></th> <th style="text-align: left;"><u>Length</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11.3</td> <td>4</td> <td>0</td> </tr> <tr> <td>2</td> <td>0</td> <td>5</td> <td>0</td> </tr> <tr> <td>3</td> <td>0</td> <td>6</td> <td>0</td> </tr> </tbody> </table>	<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>	<u>Length</u>	1	11.3	4	0	2	0	5	0	3	0	6	0
<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>	<u>Length</u>																
1	11.3	4	0																
2	0	5	0																
3	0	6	0																
Roadway Surface:	01 - Concrete																		
Alignment Vertical:	01 - Good																		
Alignment Horizontal:	01 - Good																		
Restrictions:	No																		
BRIDGE PHOTOS																			
																			
SUBSTRUCTURE																			
Condition:	G - Good	Bearings:	G - Good																
		Bearing Seat:	G - Good																
Comments:	Some minor vertical cracking noted on North abutment.																		
SUPERSTRUCTURE																			
Condition:	G - Good	Expansion Joints:	I - Inapplicable																
Comments:	Some minor cracking noted on outside North fascia of superstructure.																		
DECK																			
Condition:	F2 - Fair	Curbs:	P3 - Poor																
Hand Rail:	F2 - Fair	Roadway Condition:	P3 - Poor																

Approach Rail:	P - Poor		
Comments:	Approach rail severely damaged. Roadway approaches have numerous asphalt patches; some damage and deterioration noted on end-blocks. Spalling and exposed rebar noted on the curb fascia.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2021	Replacement Year:	2021
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Repair curb fascia, replace approach rail, install bridge signage, and hazard markers.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Winter-sand accumulation along and on top of the curbs. Missing three hazard markers and no bridge sign. Note: Pictures are on file due to size upload restrictions.		
LEGEND:			
Condition Definitions:		Problem Definitions:	Category 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.		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 sees 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			