

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B02142023-4	
Date: 5/16/2022	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	4-179 - UPPER BROOK BRIDGE		
Route:		Overall Length:	20.5 m
Year Built:	2004	Est: No	Overall Width: 9.6 m
Year Last Rehab.:		Est: No	Roadway Width: 8.9 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.6 m
Type of Structure:	05 - Pre-stressed Concrete Slab		Max Depth of N.W.L.: 0 m
Purpose of Structure:	03 - Over Navigable Waters		Spans:
Type of Handrail:	02 - Concrete Rail		<u>Span No.:</u> <u>Length</u> <u>Span No.:</u> <u>Length</u>
Roadway Surface:	01 - Concrete	1	15.8 4 0
Alignment Vertical:	01 - Good	2	0 5 0
Alignment Horizontal:	01 - Good	3	0 6 0
Restrictions:	No		
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	G - Good	Bearings:	G - Good
		Bearing Seat:	G - Good
Comments:			
SUPERSTRUCTURE			
Condition:	G - Good	Expansion Joints:	P3 - Poor
Comments:	Rubber seal on one expansion joint is damaged/displaced from steel.		
DECK			
Condition:	G - Good	Curbs:	G - Good
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair
Approach Rail:	F2 - Fair		
Comments:	Patched asphalt pothole noted on one approach slab. Minor damage noted on buried ends of approach rail and at the Michigan shoe insert. One seal between end-block and jersey rail at the expansion joint is missing. Sections of exposed and lightly corroded steel in the jersey barrier rail system.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0 m	Scour Problem:	N - No Problem
	01 - Adequate		N - No Problem

Waterway:	Debris Problem:			
Comments:				
REPLACEMENT/REHABILITATION				
Next Rehab. Date:	Replacement Year:			
Antic. Rehab. Cost: \$0	Replacement Cost: \$0			
Recommendations: Install three hazard markers				
OBSERVATIONS				
Overall Condition: G - Good	Requires Further Inspection: No			
Additional Observations: Pics on file				
LEGEND:				
Condition Definitions:				
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	Problem Definitions:	Category Definitions:
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	N - No Problem.	Maint. - Maintenance.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	P - Possible Problem.	Eng. - Engineering.
4 - *Unsafe - [discontinued code].	P1 - Poor.		K - Known Problem.	Office - Bridge Office.
G - Good.	P - Poor.		NA - Not Applicable.	
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 B, F, 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.