

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01042021-2	
Date: 5/15/2020	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	4-035 - BARACHOIS BROOK BRIDGE		
Route:		Overall Length:	33.6 m
Year Built:	1972	Est: No	Overall Width: 8.9 m
Year Last Rehab.:	1985	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.:	7 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	0.5 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	23.5 4 0
Alignment Vertical:	01 - Good	2	0 5 0
Alignment Horizontal:	01 - Good	3	0 6 0
Restrictions:	No		
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	Deterioration noted on South Abutment Wall due to water leaking from damaged deck/expansion joints. Deck debris accumulation noted on South Bearing Seat.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	P1 - Poor
Comments:	Significant damage noted to expansion joints causing water damage to south abutment wall; Some scaling noted on underside of deck.		
DECK			
Condition:	P1 - Poor	Curbs:	U - Uninspectable
Hand Rail:	P1 - Poor	Roadway Condition:	U - Uninspectable
Approach Rail:	F2 - Fair		
Comments:	Potholes present within deck and concentrated surrounding expansion joints; significant sand build-up under approach rail and along curb of deck and therefore cannot fully inspect curb. Some damage noted on approach rail and damage and missing pieces noted on bridge rail.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
	0 m		N - No Problem

Water Depth:		Scour 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: Replace expansion joints, repair deck, repair abutment wall, Install new rail, end blocks and approach rail.			
OBSERVATIONS			
Overall Condition:	P1 - Poor	Requires Further Inspection:	No
Additional Observations: No Bridge Hazard Markers Present. Inspection photos contained 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 F3, P1, P2, or C ● Any evidence of known ice, scour, debris, waterway problems 			
INSPECTION PHOTOS			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.