

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06132022-1	
Date: 5/2/2022	Inspected By: Colby Spencer	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-054 - MAIN BROOK BRIDGE (SANDY LAKE)		
Route:		Overall Length:	35.1 m
Year Built:	1965	Est: No	Overall Width: 17.8 m
Year Last Rehab.:	2004	Est: Yes	Roadway Width: 16.2 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0.8 m
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.: 3.8 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	24.5 4 0
Alignment Vertical:	01 - Good	2	0 5 0
Alignment Horizontal:	01 - Good	3	0 6 0
Restrictions:	No		
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	G - Good	Bearings:	G - Good
		Bearing Seat:	G - Good
Comments:	Small vertical cracks in abutment walls and scour at abutment base.		
SUPERSTRUCTURE			
Condition:	G - Good	Expansion Joints:	F2 - Fair
Comments:	Potholes forming at expansions joints		
DECK			
Condition:	F1 - Fair	Curbs:	G - Good
Hand Rail:	G - Good	Roadway Condition:	F1 - Fair
Approach Rail:	F1 - Fair		
Comments:	Asphalt deck and approaches have deteriorated. Potholes in deck asphalt down to concrete deck. Non structural approach rail damaged.		
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:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations: Remove winter sand build-up along curbs. Repave deck approach. Replace 1 missing hazard marker.			
OBSERVATIONS			
Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:			
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.