

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B05292020-21	
Date: 5/27/2020	Inspected By: AB	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-098 - FAIRHAVEN BRIDGE NORTH		
Route:	203-10	Overall Length:	13.7 m
Year Built:	1970	Est: No	Overall Width: 7.8 m
Year Last Rehab.:		Est: No	Roadway Width: 7 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	2.2 m
Type of Structure:	11 - Timber Bridge	Max Depth of N.W.L.:	0.5 m
Purpose of Structure:	04 - Over Non-Navigable Waters		
Type of Handrail:	06 - None	Spans:	
Roadway Surface:	03 - Timber	<u>Span No.:</u>	<u>Length</u>
Alignment Vertical:	01 - Good	1	6.2
Alignment Horizontal:	01 - Good	2	0
Restrictions:	No	3	0
		<u>Span No.:</u>	<u>Length</u>
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	F2 - Fair
Comments:	Creosote timber abutments and wing walls. Some minor cracking and decay with gaps in the bottom allowing fill through abutment two and abutment two wingwall. Abutment 2 appears to have minor scouring. Abutment 2/wingwall 2 left side appears to be settling due to fill loss.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Nine creosote timber beams 10" x 14", fair to good condition.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair

Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	I - Inapplicable		
Comments:	Galvanized flex beam hand rail. 75mm timber decking with 50mm wearing surface. Some deterioration areas on wearing surface. Settlement evident over approach two, left possibly related to gaps in abutment and wingwall. Approach 1 has many potholes.		
HYDROLOGY			
Water Velocity:	1 m/s	Ice Problem:	N - No Problem
Water Depth:	0.5 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Some loss of fill at abutment two which may lead to scour.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Place hydraulic rip rap at corners and along crib abutments of scour protection.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:			
LEGEND:			
Condition Definitions:			
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	Problem Definitions:
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	N - No Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	P - Possible Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		K - Known Problem.
G - Good.	P - Poor.		NA - Not Applicable.
Category Definitions:			
			Maint. - Maintenance.
			Eng. - Engineering.
			Office - Bridge Office.
PHOTO GUIDELINES:			
Inspection Photos:			
Please provide photos using guidelines below:			
● 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			