
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01172020-1	
Date: 8/21/2019	Inspected By: Lynch R / Martin L	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	3-088 - GREENSPOND SHIP ISLAND WALKWAY		
Route:		Overall Length:	21.5 m
Year Built:	1981	Est: No	Overall Width: 5 m
Year Last Rehab.:		Est: No	Roadway Width: 3.3 m
Region:	CENTRAL WEST	Sidewalk Width:	0 m
Jurisdiction:	Municipal	Clearance to R.D. or N.W.L.:	3.1 m
Type of Structure:	11 - Timber Bridge	Max Depth of N.W.L.:	3 m
Purpose of Structure:	03 - Over Navigable Waters	Spans:	
Type of Handrail:	03 - Timber Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	03 - Timber	1	9.3
Alignment Vertical:	03 - Poor	2	0
Alignment Horizontal:	02 - Adequate	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	F2 - Fair
Comments:	10" x 10" beam seats, 14.5" x 6" beams - 5 beams per span; 3 spans. Some crib ties checked and cracked. Cribbing below water level is spongy. Damage to corners at pier #1 LHS and Pier #2 LHS; the latter appears cantilevered.		
SUPERSTRUCTURE			
Condition:	P1 - Poor	Expansion Joints:	I - Inapplicable
Comments:	14.5" x 6" beams - 3 spans at 5 beams each. Span #1, beam #1 is broken.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair

Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	P - Poor		
Comments:	Hand rail is a bit shaky but intact. One diagonal support of span #1 RHS missing. Guide rail at abutment #1 LHS has two broken posts. Guide rail posts are creosote and very unstable.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	P - Possible Problem
Water Depth:	0 m	Scour Problem:	P - Possible 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:	Repair rotten/damaged crib timber on piers. Replace beam #1, span #1. Replace all guide rail.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	Navigation light and water line on RHS of deck. Hydro pole on LHS is listed away from bridge. (cribbing of hydro pole is collapsed). HP is supported by a guy wire attached to abutment #2, LHS.		
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 2021.