
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B08032021-10	
Date: 7/5/2021	Inspected By: Justine Geddes	Category: Office - Bridge Office	
BRIDGE INFORMATION			
Site:	3-003 - HORWOOD RIVER BRIDGE		
Route:		Overall Length:	24 m
Year Built:	1976	Est: No	Overall Width: 10.2 m
Year Last Rehab.:		Est: No	Roadway Width: 9 m
Region:	CENTRAL WEST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.5 m
Type of Structure:	02 - Double Tee	Max Depth of N.W.L.:	2 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	01 - Aluminum Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	15
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	F1 - Fair
Comments:	Recent rehabilitation to abutments		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	F1 - Fair
Comments:	Double Tees starting to have shear steel show, small areas of deck edge spalling, no curbs		
DECK			
Condition:	F2 - Fair	Curbs:	I - Inapplicable
Hand Rail:	G - Good	Roadway Condition:	I - Inapplicable

Approach Rail:	G - Good		
Comments:			
HYDROLOGY			
Water Velocity:	slow m/s	Ice Problem:	N - No Problem
Water Depth:	shallow m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2031	Replacement Year:	2036
Antic. Rehab. Cost:	\$100000	Replacement Cost:	\$2000000
Recommendations:	expected replacement 15-20 years with superficial rehab in ten years. most likely a flat slab or small I girder bridge.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	short sightlines for traffic heading east, best to park on east side. cannot get completely under bridge due to water levels. hazards: traffic, slipping, stinging plants		
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.		
PHOTO GUIDELINES:		Category Definitions:	
Inspection Photos:		Maint. - Maintenance.	
Please provide photos using guidelines below:		Eng. - Engineering.	
<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 		Office - Bridge Office.	
INSPECTION PHOTOS			