

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B07062017-6	
Date: 6/22/2017	Inspected By: Kent Randell	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	5-021 - WALSH RIVER BRIDGE		
Route:		Overall Length:	37.2 m
Year Built:	1971	Est: No	Overall Width: 11.1 m
Year Last Rehab.:		Est: No	Roadway Width: 9.5 m
Region:	LABRADOR	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	3.1 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	0 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	04 - Steel Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	36
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	<u>Span No.:</u>	<u>Length</u>
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	No additional movement in wing wall. 2" remains Some alligator cracking in wing wall. Minor deterioration on west end beam seat.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair
Comments:			
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair

Approach Rail: F2 - Fair
Comments: Replace two lengths handrail 8m each. Concrete deterioration beneath 4 rail uprights. See photo Repair approach posts.

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: 2017	Replacement Year: 2017
Antic. Rehab. Cost: \$0	Replacement Cost: \$0

Recommendations: Bridge office to determine rehabilitation info.

OBSERVATIONS

Overall Condition: F2 - Fair **Requires Further Inspection:** No

Additional Observations: Remove debris from bearing seat. Clean winter sand from deck and curbs.

LEGEND:

Condition Definitions: 1 - *Good - [discontinued code]. 2 - *Fair - [discontinued code]. 3 - *Poor - [discontinued code]. 4 - *Unsafe - [discontinued code]. G - Good.	F2 - Fair. F1 - Fair. P3 - Poor. P1 - Poor. P - Poor.	C - Unsafe (Closed to Public). U - Uninspectable. I - Inapplicable.	Problem Definitions: N - No Problem. P - Possible Problem. K - Known Problem. 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, I, P, or C
 • Any evidence of known ice, scour, debris, waterway problems

INSPECTION PHOTOS



Description:



Description:



Description:



Description: