

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06142018-1	
Date: 3/6/2018	Inspected By: Chris Lyver	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-064 - VICTORIA RIVER BRIDGE		
Route:		Overall Length:	26 m
Year Built:	1971	Est: No	Overall Width: 11.6 m
Year Last Rehab.:		Est: No	Roadway Width: 8 m
Region:	AVALON PENINSULA	Sidewalk Width:	1.1 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.5 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	0.4 m
Purpose of Structure:	04 - Over Non-Navigable Waters		
Type of Handrail:	02 - Concrete Rail		
Roadway Surface:	02 - Asphalt	Spans:	
Alignment Vertical:	01 - Good	<u>Span No.:</u>	<u>Length</u>
Alignment Horizontal:	02 - Adequate	<u>Span No.:</u>	<u>Length</u>
Restrictions:	No	1	17.8
		2	0
		3	0
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	- Medium erosion along bottom of north abutment footing (south abutment footing buried). - Narrow vert. cracks in faces of abutments and wingwalls.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair
Comments:	- Narrow long. cracks and light spalling on exterior girders. - Medium abrasion and narrow long. cracks in exp. joint dams.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair

Hand Rail:	G - Good	Roadway Condition:	F2 - Fair
Approach Rail:	G - Good		
Comments:	- Roadway, F1 (near dams), G (remainder). - Light honeycombing, narrow trans. cracks and hairline alligator cracks (around drain downspouts) with light efflor. deposits in deck soffit. - Medium horiz. cracks with light efflor. deposits in exterior deck/ curb fascia. - Hairline alligator cracks in 4 end blocks. - Numerous trans./ vert. cracks (narrow) in curb/ sidewalk surfaces and interior fascia. - Numerous medium trans. cracks and small potholes in the asphalt at exp. joint dams. - Approaches resurfaced since last inspection.		

HYDROLOGY

Water Velocity:	0.3 m/s	Ice Problem:	P - Possible Problem
Water Depth:	0.3 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem
Comments:			

REPLACEMENT/REHABILITATION

Next Rehab. Date:	2020	Replacement Year:	2030
Antic. Rehab. Cost:	\$10	Replacement Cost:	\$1000
Recommendations:	- Repair all concrete defects. - Repair asphalt by exp. joints dams. - Clean out exp. joint seals.		

OBSERVATIONS

Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	- Unchanged from 2012 inspection.		

LEGEND:

Condition Definitions:			Problem Definitions:	Category Definitions:
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.	Maint. - Maintenance.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.	Eng. - Engineering.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.	Office - Bridge Office.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.	
G - Good.	P - Poor.			

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