

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Works	<b>BRIDGE INSPECTION REPORT</b> <b>B12112017-4</b> Printed: Tuesday, October 9, 2018	
<b>Date:</b> 10/26/2017	<b>Inspected By:</b> Strugnell/Walsh	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	3-126 - SHOE COVE NORTH BRIDGE		
<b>Route:</b>		<b>Overall Length:</b>	4.2 m
<b>Year Built:</b>	1978	<b>Est: No</b>	<b>Overall Width:</b> 6 m
<b>Year Last Rehab.:</b>		<b>Est: No</b>	<b>Roadway Width:</b> 5.7 m
<b>Region:</b>	CENTRAL WEST	<b>Sidewalk Width:</b>	0 m
<b>Jurisdiction:</b>	Provincial	<b>Clearance to R.D. or N.W.L.:</b>	1 m
<b>Type of Structure:</b>	11 - Timber Bridge	<b>Max Depth of N.W.L.:</b>	0.5 m
<b>Purpose of Structure:</b>	04 - Over Non-Navigable Waters	<b>Spans:</b>	
<b>Type of Handrail:</b>	03 - Timber Rail	<u>Span No.:</u>	<u>Length</u>
<b>Roadway Surface:</b>	03 - Timber	1	4.2
<b>Alignment Vertical:</b>	01 - Good	2	0
<b>Alignment Horizontal:</b>	01 - Good	3	0
<b>Restrictions:</b>	No	<b>Span No.:</b>	<b>Length</b>
		4	0
		5	0
		6	0
<b>BRIDGE PHOTOS</b>			
			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair (Inspection within 2 Years)	<b>Bearings:</b>	I - Inapplicable
		<b>Bearing Seat:</b>	I - Inapplicable
<b>Comments:</b>	Hairline cracks in abutments and wing walls downstream North.		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair (Inspection within 2 Years)	<b>Expansion Joints:</b>	I - Inapplicable
<b>Comments:</b>	Hairline cracks (vertical) in deck slab upstream and downstream.		
<b>DECK</b>			
<b>Condition:</b>	F2 - Fair (Inspection within 2 Years)	<b>Curbs:</b>	F2 - Fair (Inspection within 2 Years)
<b>Hand Rail:</b>	F2 - Fair (Inspection within 2 Years)	<b>Roadway Condition:</b>	F2 - Fair (Inspection within 2 Years)

<b>Approach Rail:</b>	I - Inapplicable		
<b>Comments:</b>	Asphalt settlement on the South approach. Asphalt cracking and patches on both approaches. Concrete deck surface appears to be okay. There is some cracking in the curbs and sidewalk. The handrail is leaning slightly. The underside of the deck slab is okay.		
<b>HYDROLOGY</b>			
<b>Water Velocity:</b>	Slow m/s	<b>Ice Problem:</b>	N - No Problem
<b>Water Depth:</b>	Low m	<b>Scour Problem:</b>	N - No Problem
<b>Waterway:</b>	01 - Adequate	<b>Debris Problem:</b>	N - No Problem
<b>Comments:</b>	Water was too dark to see bottom of abutments. The rip rap is okay.		
<b>REPLACEMENT/REHABILITATION</b>			
<b>Next Rehab. Date:</b>		<b>Replacement Year:</b>	
<b>Antic. Rehab. Cost:</b>	\$0.00	<b>Replacement Cost:</b>	\$0.00
<b>Recommendations:</b>	Repair asphalt approaches and install hazard markers. Clean deck of sand.		
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	F2 - Fair (Inspection within 2 Years)	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b>	There are no hazard markers and there is sand build-up on the deck. The sidewalk is on the upstream side.		
<b>LEGEND:</b>			
<b>Condition Definitions:</b>		<b>Problem Definitions:</b>	
1 - *Good - [discontinued code].	F2 - Fair (Inspection within 2 Years).	C - Unsafe (Closed to Public).	N - No Problem.
2 - *Fair - [discontinued code].	F1 - Fair (Inspection within 1 Year).	U - Uninspectable.	P - Possible Problem.
3 - *Poor - [discontinued code].	P3 - Poor (Repair within 3 Years).	I - Inapplicable.	K - Known Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor (Repair within 1 Year).		NA - Not Applicable.
G - Good (Inspection within 2 Years).	P - Poor (Immediate Repair).		
<b>PHOTO GUIDELINES:</b>		<b>Category Definitions:</b>	
<b>Inspection Photos:</b>		Maint. - Maintenance.	
Please provide photos using guidelines below:		Eng. - Engineering.	
<ul style="list-style-type: none"> <li>● Any item which inspector feels should be documented by photograph</li> <li>● All items noted above as being P3, P1, P, or C</li> <li>● Any evidence of known ice, scour, debris, waterway problems</li> </ul>		Office - Bridge Office.	
<b>INSPECTION PHOTOS</b>			

Department of Transportation and Works, Government of Newfoundland and Labrador 2018.