

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B06062019-2</b>	
<b>Date:</b> 6/6/2019	<b>Inspected By:</b> Pickett R	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	1-187 - BAULINE BROOK BRIDGE NO. 2		
<b>Route:</b>		<b>Overall Length:</b>	5.8 m
<b>Year Built:</b>	1970	<b>Est: Yes</b>	<b>Overall Width:</b> 5.6 m
<b>Year Last Rehab.:</b>		<b>Est: No</b>	<b>Roadway Width:</b> 4.1 m
<b>Region:</b>	AVALON PENINSULA	<b>Sidewalk Width:</b>	0 m
<b>Jurisdiction:</b>	Provincial	<b>Clearance to R.D. or N.W.L.:</b>	1.3 m
<b>Type of Structure:</b>	08 - Steel Bridge	<b>Max Depth of N.W.L.:</b>	0.4 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	3.7
<b>Alignment Vertical:</b>	02 - Adequate	2	0
<b>Alignment Horizontal:</b>	02 - Adequate	3	0
<b>Restrictions:</b>	No	4	0
		5	0
		6	0
<b>BRIDGE PHOTOS</b>			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	P3 - Poor	<b>Bearings:</b>	I - Inapplicable
		<b>Bearing Seat:</b>	I - Inapplicable
<b>Comments:</b>	Wide vertical crack in South East corner of the East abutment. Medium narrow cracks with effloresce deposits in face of the east abutment. Wide vertical cracks in South West retaining walls. Vertical construction joint opened up in the South West retaining wall.		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	P3 - Poor	<b>Expansion Joints:</b>	I - Inapplicable
<b>Comments:</b>	Medium corrosion to the top and bottom flanges and webs of steel I beams and creep block have shifted.		
<b>DECK</b>			
<b>Condition:</b>	P3 - Poor	<b>Curbs:</b>	F1 - Fair
<b>Hand Rail:</b>	F1 - Fair	<b>Roadway Condition:</b>	F1 - Fair
<b>Approach Rail:</b>	I - Inapplicable		
<b>Comments:</b>	Some cracking on wooden pressure treated at exit, remainder medium wear and medium splintering.		
<b>HYDROLOGY</b>			
<b>Water Velocity:</b>	0.5 m/s	<b>Ice Problem:</b>	P - Possible Problem
<b>Water Depth:</b>	0.5 m	<b>Scour Problem:</b>	P - Possible Problem
	01 - Adequate		P - Possible Problem

<b>Waterway:</b>	<b>Debris Problem:</b>		
<b>Comments:</b>	Possible scour under both footings, all gabions shifted and bulged (4 corners). Some baskets broken open.		
<b>REPLACEMENT/REHABILITATION</b>			
<b>Next Rehab. Date:</b>	2020	<b>Replacement Year:</b>	2030
<b>Antic. Rehab. Cost:</b>	\$50	<b>Replacement Cost:</b>	\$175
<b>Recommendations:</b>	Repair concrete defects including possible scour and repair crack pressure treated deck boards and replace gabions.		
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	P3 - Poor	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b>	Weight restriction signage in place 10tonnes.		
<b>LEGEND:</b>			
<b>Condition Definitions:</b>		<b>Problem Definitions:</b>	
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.		
<b>Category Definitions:</b>			
Maint. - Maintenance.			
Eng. - Engineering.			
Office - Bridge Office.			
<b>PHOTO GUIDELINES:</b>			
<b>Inspection Photos:</b>			
Please provide photos using guidelines below:			
<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>			
<b>INSPECTION PHOTOS</b>			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.