

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B10192017-11</b>	
<b>Date:</b> 10/13/2017	<b>Inspected By:</b> AB	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	2-129 - LOCKSTON PARK BRIDGE #2		
<b>Route:</b>	236	<b>Overall Length:</b>	17.4 m
<b>Year Built:</b>	1991	<b>Est:</b> No	<b>Overall Width:</b> 10 m
<b>Year Last Rehab.:</b>		<b>Est:</b> No	<b>Roadway Width:</b> 9 m
<b>Region:</b>	CENTRAL EAST	<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>	03 - Reinforced Concrete Beam/Slab	<b>Max Depth of N.W.L.:</b>	1 m
<b>Purpose of Structure:</b>	04 - Over Non-Navigable Waters	<b>Spans:</b>	
<b>Type of Handrail:</b>	01 - Aluminum Rail	<u>Span No.:</u>	<u>Length</u>
<b>Roadway Surface:</b>	01 - Concrete	1	9
<b>Alignment Vertical:</b>	01 - Good	2	0
<b>Alignment Horizontal:</b>	01 - Good	3	0
<b>Restrictions:</b>	No	<u>Span No.:</u>	<u>Length</u>
		4	0
		5	0
		6	0
<b>BRIDGE PHOTOS</b>			
			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b>	I - Inapplicable
		<b>Bearing Seat:</b>	U - Uninspectable
<b>Comments:</b>	Concrete wing walls and abutments. Some efflorescence on abutments due to leaking joints. Abutments have a buildup of efflorescence.		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b>	I - Inapplicable
<b>Comments:</b>	Dymeric through curbs in poor condition.		
<b>DECK</b>			
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b>	F2 - Fair
<b>Hand Rail:</b>	F2 - Fair	<b>Roadway Condition:</b>	F2 - Fair

<b>Approach Rail:</b>	P1 - Poor		
<b>Comments:</b>	Exposed concrete deck has light cracking. Aluminum bridge rail with concrete end blocks. Significant light and medium cracking in end blocks. Significant cracking in curb fascia. Approach rail damaged at abutment 1 left side and abutment 2 on right. No Michigan shoes. Approach rail covered in brush. Abutment #2 end block has impact damage. Potholes on gravel approach at bridge deck. There is buildup of gravel on the deck.		
<b>HYDROLOGY</b>			
<b>Water Velocity:</b>	1.0 m/s	<b>Ice Problem:</b>	N - No Problem
<b>Water Depth:</b>	1.0 m	<b>Scour Problem:</b>	N - No Problem
<b>Waterway:</b>	01 - Adequate	<b>Debris Problem:</b>	N - No Problem
<b>Comments:</b>			
<b>REPLACEMENT/REHABILITATION</b>			
<b>Next Rehab. Date:</b>	2017	<b>Replacement Year:</b>	2017
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0
<b>Recommendations:</b>	Repair approach rail. Clean Deck. Clear brush from approaches.		
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	F2 - Fair	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b>			
<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>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 Infrastructure, Government of Newfoundland and Labrador 2021.