

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B01192023-1</b>	
<b>Date:</b> 4/19/2022	<b>Inspected By:</b> Mike Fleming	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	4-020 - PORT AUX BASQUES CNR OVERPASS		
<b>Route:</b>		<b>Overall Length:</b>	99.2 m
<b>Year Built:</b>	1965	<b>Est: No</b>	<b>Overall Width:</b> 9.8 m
<b>Year Last Rehab.:</b>		<b>Est: Yes</b>	<b>Roadway Width:</b> 7.4 m
<b>Region:</b>	WEST COAST/NORTHERN		<b>Sidewalk Width:</b> 1.5 m
<b>Jurisdiction:</b>	Provincial		<b>Clearance to R.D. or N.W.L.:</b> 8.4 m
<b>Type of Structure:</b>	08 - Steel Bridge		<b>Max Depth of N.W.L.:</b> 0 m
<b>Purpose of Structure:</b>	02 - Highway Railway Separation		<b>Spans:</b>
<b>Type of Handrail:</b>	01 - Aluminum Rail		<u>Span No.:</u> <u>Length</u> <u>Span No.:</u> <u>Length</u>
<b>Roadway Surface:</b>	02 - Asphalt	1	13.8    4    12.4
<b>Alignment Vertical:</b>	02 - Adequate	2	26.1    5    0
<b>Alignment Horizontal:</b>	02 - Adequate	3	26.1    6    0
<b>Restrictions:</b>	No		
<b>BRIDGE PHOTOS</b>			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	F1 - Fair	<b>Bearings:</b>	F1 - Fair
		<b>Bearing Seat:</b>	F1 - Fair
<b>Comments:</b>	Light to Moderate spalling on North, South, and middle piers. Moderate fracturing on abutments. Incomplete inspection of bearings and bearing seats.		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	P1 - Poor	<b>Expansion Joints:</b>	P3 - Poor
<b>Comments:</b>	Moderate to severe sectional loss and corrosion noted on Steel I-Girders and lateral bracing/cross members. Asphalt plug joints are damaged deteriorated and leaking. Exposed and corroded rebar also noted on deck soffit.		
<b>DECK</b>			
<b>Condition:</b>	F1 - Fair	<b>Curbs:</b>	F1 - Fair
<b>Hand Rail:</b>	P3 - Poor	<b>Roadway Condition:</b>	F1 - Fair
<b>Approach Rail:</b>	P3 - Poor		
<b>Comments:</b>	Approach rail damaged and separated, section of handrail missing, no end blocks noted, potholes noted at asphalt plug joints and on approaches.		
<b>HYDROLOGY</b>			
<b>Water Velocity:</b>	0 m/s	<b>Ice Problem:</b>	NA - Not Applicable
<b>Water Depth:</b>	0 m	<b>Scour Problem:</b>	NA - Not Applicable

<b>Waterway:</b>	03 - Not Applicable	<b>Debris Problem:</b>	NA - Not Applicable
<b>Comments:</b>			
<b>REPLACEMENT/REHABILITATION</b>			
<b>Next Rehab. Date:</b>		<b>Replacement Year:</b>	2022
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0
<b>Recommendations:</b> Replacement - recommend as soon as possible.			
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	P1 - Poor	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b> No hazard markers noted. Pics on file			
<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.	Maint. - Maintenance.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	P - Possible Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		K - Known Problem.
G - Good.	P - Poor.		NA - Not Applicable.
			Category Definitions:
			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 B, F, 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 2024.