

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B01052021-7</b>	
<b>Date:</b> 5/19/2020	<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>	F2 - Fair	<b>Bearings:</b>	F2 - Fair
		<b>Bearing Seat:</b>	F2 - Fair
<b>Comments:</b>	Spalling on north, south and middle piers, leaching and cracking on abutments, incomplete inspection of bearings and bearings seat		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	P1 - Poor	<b>Expansion Joints:</b>	P3 - Poor
<b>Comments:</b>	Angle iron rusting and falling off, corrosion of steel girders and lateral bracing, major corrosion on north approach of steel girder. Expansion joints leaking and paved over. Exposed rebar also noted on underside of deck.		
<b>DECK</b>			
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b>	F2 - Fair
<b>Hand Rail:</b>	P3 - Poor	<b>Roadway Condition:</b>	F2 - Fair
<b>Approach Rail:</b>	P3 - Poor		
<b>Comments:</b>	Approach rail damaged on one end pulled apart in section, section of rail missing on one end, no end blocks, potholes along expansion joints noted.		
<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>	Overpass		
<b>REPLACEMENT/REHABILITATION</b>			
<b>Next Rehab. Date:</b>	2021	<b>Replacement Year:</b>	2021
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0
<b>Recommendations:</b>	Replacement recommended; Superstructure, deck, approaches, rail. Further inspection required for bearings and bearing seats.		
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	P - Poor	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b>	No End Blocks and Hazard Markers. Accumulation of Winter Sand along curb.		
<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.