
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B08022021-7</b>	
<b>Date:</b> 5/6/2021	<b>Inspected By:</b> Butler	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	2-034 - BLACK RIVER BRIDGE		
<b>Route:</b>	210	<b>Overall Length:</b>	62.2 m
<b>Year Built:</b>	1968	<b>Est:</b> No	<b>Overall Width:</b> 11.6 m
<b>Year Last Rehab.:</b>	2007	<b>Est:</b> No	<b>Roadway Width:</b> 10.2 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>	6.5 m
<b>Type of Structure:</b>	01 - AASH to Girder	<b>Max Depth of N.W.L.:</b>	1 m
<b>Purpose of Structure:</b>	04 - Over Non-Navigable Waters		
<b>Type of Handrail:</b>	01 - Aluminum Rail	<b>Spans:</b>	
<b>Roadway Surface:</b>	02 - Asphalt	<u>Span No.:</u>	<u>Length</u>
<b>Alignment Vertical:</b>	01 - Good	1	46.2
<b>Alignment Horizontal:</b>	01 - Good	2	0
<b>Restrictions:</b>	No	3	0
		<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>	F2 - Fair
		<b>Bearing Seat:</b>	F2 - Fair
<b>Comments:</b>	Concrete abutments and wingwalls. A few cracks with efflorescence. Debris and formwork on bearing seat. Abutment 2 showing fill loss under wing wall.		

<b>SUPERSTRUCTURE</b>											
<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b>	F2 - Fair								
<b>Comments:</b>	6 AASHTO girders. Some light honeycomb of girders and diaphragms. Expansion joint surface concrete wearing down from traffic and plows - asphalt settled. All girders have exposed rebar.										
<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>	F2 - Fair										
<b>Comments:</b>	Concrete deck with asphalt wearing surface. Underside of deck has a few spalls with exposed rebar and two delaminated areas fascia/soffit left side. 4 rail aluminum hand rail with concrete end blocks. Right side bottom of deck has multiple parallel cracks orientated longitudinal with the structure.										
<b>HYDROLOGY</b>											
<b>Water Velocity:</b>	1 m/s	<b>Ice Problem:</b>	N - No Problem								
<b>Water Depth:</b>	0.5 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>		<b>Replacement Year:</b>									
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0								
<b>Recommendations:</b>											
<b>OBSERVATIONS</b>											
<b>Overall Condition:</b>	F2 - Fair	<b>Requires Further Inspection:</b>	No								
<b>Additional Observations:</b>											
<b>LEGEND:</b> <table style="width:100%; border:none;"> <tr> <td style="width:25%; vertical-align: top;"> <b>Condition Definitions:</b>                      1 - *Good - [discontinued code].                      2 - *Fair - [discontinued code].                      3 - *Poor - [discontinued code].                      4 - *Unsafe - [discontinued code].                      G - Good.                 </td> <td style="width:25%; vertical-align: top;">                     F2 - Fair.                      F1 - Fair.                      P3 - Poor.                      P1 - Poor.                      P - Poor.                 </td> <td style="width:25%; vertical-align: top;">                     C - Unsafe (Closed to Public).                      U - Uninspectable.                      I - Inapplicable.                 </td> <td style="width:25%; vertical-align: top;"> <b>Problem Definitions:</b>                      N - No Problem.                      P - Possible Problem.                      K - Known Problem.                      NA - Not Applicable.                 </td> </tr> <tr> <td colspan="2"></td> <td colspan="2"> <b>Category Definitions:</b>                      Maint. - Maintenance.                      Eng. - Engineering.                      Office - Bridge Office.                 </td> </tr> </table>				<b>Condition Definitions:</b> 1 - *Good - [discontinued code]. 2 - *Fair - [discontinued code]. 3 - *Poor - [discontinued code]. 4 - *Unsafe - [discontinued code]. G - Good.	F2 - Fair. F1 - Fair. P3 - Poor. P1 - Poor. P - Poor.	C - Unsafe (Closed to Public). U - Uninspectable. I - Inapplicable.	<b>Problem Definitions:</b> N - No Problem. P - Possible Problem. K - Known Problem. NA - Not Applicable.			<b>Category Definitions:</b> Maint. - Maintenance. Eng. - Engineering. Office - Bridge Office.	
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<b>PHOTO GUIDELINES:</b> <b>Inspection Photos:</b> Please provide photos using guidelines below: ● Any item which inspector feels should be documented by photograph ● All items noted above as being P3, P1, P, or C ● Any evidence of known ice, scour, debris, waterway problems											
<b>INSPECTION PHOTOS</b>											