

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B11082021-2</b>	
<b>Date:</b> 10/25/2021	<b>Inspected By:</b> Mike Fleming	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	4-090 - CORNER BROOK STREAM BRIDGE		
<b>Route:</b>		<b>Overall Length:</b>	24.7 m
<b>Year Built:</b>	1973	<b>Est:</b> No	<b>Overall Width:</b> 22.3 m
<b>Year Last Rehab.:</b>		<b>Est:</b> No	<b>Roadway Width:</b> 18.1 m
<b>Region:</b>	WEST COAST/NORTHERN	<b>Sidewalk Width:</b>	0 m
<b>Jurisdiction:</b>	Provincial	<b>Clearance to R.D. or N.W.L.:</b>	3.7 m
<b>Type of Structure:</b>	05 - Pre-stressed Concrete Slab	<b>Max Depth of N.W.L.:</b>	2 m
<b>Purpose of Structure:</b>	04 - Over Non-Navigable Waters	<b>Spans:</b>	
<b>Type of Handrail:</b>	02 - Concrete Rail	<u>Span No.:</u>	<u>Length</u>
<b>Roadway Surface:</b>	02 - Asphalt	<u>Span No.:</u>	<u>Length</u>
<b>Alignment Vertical:</b>	01 - Good	1	24.7
<b>Alignment Horizontal:</b>	01 - Good	2	0
<b>Restrictions:</b>	No	3	0
		4	0
		5	0
		6	0
<b>BRIDGE PHOTOS</b>			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	G - Good	<b>Bearings:</b>	U - Uninspectable
		<b>Bearing Seat:</b>	U - Uninspectable
<b>Comments:</b>			
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	F1 - Fair	<b>Expansion Joints:</b>	P1 - Poor
<b>Comments:</b>	Could not fully assess the expansion joints as most of the joints are paved/patched. The minor amount of exposed sections reveal that the seals are broken; both expansion joints are leaking on the below abutments. Could not inspect the superstructure soffit.		
<b>DECK</b>			
<b>Condition:</b>	G - Good	<b>Curbs:</b>	G - Good
<b>Hand Rail:</b>	G - Good	<b>Roadway Condition:</b>	G - Good
<b>Approach Rail:</b>	I - Inapplicable		
<b>Comments:</b>	Overall deck and approach are in good condition. No end blocks noted and no hazard markers in place.		
<b>HYDROLOGY</b>			
<b>Water Velocity:</b>	0 m/s	<b>Ice Problem:</b>	P - Possible Problem
<b>Water Depth:</b>	0 m	<b>Scour Problem:</b>	P - Possible Problem
	01 - Adequate		P - Possible Problem

<b>Waterway:</b>	<b>Debris Problem:</b>		
<b>Comments:</b>			
<b>REPLACEMENT/REHABILITATION</b>			
<b>Next Rehab. Date:</b>	2022	<b>Replacement Year:</b>	
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0
<b>Recommendations:</b>	Replace expansion joints/seals to mitigate future deterioration on the below abutments.		
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	F2 - Fair	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b>	Pictures on file. Overall condition is Fair to Good.		
<b>LEGEND:</b>			
<b>Condition Definitions:</b>		<b>Problem Definitions:</b>	<b>Category Definitions:</b>
1 - *Good - [discontinued code].	F2 - Fair.	N - No Problem.	Maint. - Maintenance.
2 - *Fair - [discontinued code].	F1 - Fair.	P - Possible Problem.	Eng. - Engineering.
3 - *Poor - [discontinued code].	P3 - Poor.	K - Known Problem.	Office - Bridge Office.
4 - *Unsafe - [discontinued code].	P1 - Poor.	NA - Not Applicable.	
G - Good.	P - Poor.		
<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 2021.