

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B02022023-1</b>	
<b>Date:</b> 5/3/2022	<b>Inspected By:</b> Mike Fleming	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	TCH-071 - SOUTHWEST BROOK BRIDGE, ST.GEORGES		
<b>Route:</b>		<b>Overall Length:</b>	83 m
<b>Year Built:</b>	1999	<b>Est:</b> No	<b>Overall Width:</b> 11 m
<b>Year Last Rehab.:</b>		<b>Est:</b> No	<b>Roadway Width:</b> 10.3 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>	6.3 m
<b>Type of Structure:</b>	01 - AASH to Girder	<b>Max Depth of N.W.L.:</b>	0.5 m
<b>Purpose of Structure:</b>	03 - Over Navigable Waters	<b>Spans:</b>	
<b>Type of Handrail:</b>	05 - Concrete Barrier	<u>Span No.:</u>	<u>Length</u>
<b>Roadway Surface:</b>	01 - Concrete	1	30.9
<b>Alignment Vertical:</b>	01 - Good	2	30.9
<b>Alignment Horizontal:</b>	01 - Good	3	0
<b>Restrictions:</b>	No	4	0
		5	0
		6	0
<b>BRIDGE PHOTOS</b>			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	G - Good	<b>Bearings:</b>	G - Good
		<b>Bearing Seat:</b>	G - Good
<b>Comments:</b>			
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	G - Good	<b>Expansion Joints:</b>	F2 - Fair
<b>Comments:</b>	Two sections of expansion joint seal is starting to separate from the steel. Backer rod and sealant also missing at the jersey barrier expansion joint		
<b>DECK</b>			
<b>Condition:</b>	F1 - Fair	<b>Curbs:</b>	I - Inapplicable
<b>Hand Rail:</b>	I - Inapplicable	<b>Roadway Condition:</b>	G - Good
<b>Approach Rail:</b>	F1 - Fair		
<b>Comments:</b>	One small area of delamination with exposed and corroded steel on the deck. Some damage noted with the approach rail and minor delamination on the jersey barrier railing.		
<b>HYDROLOGY</b>			
<b>Water Velocity:</b>	0 m/s	<b>Ice Problem:</b>	N - No Problem
<b>Water Depth:</b>	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>		<b>Replacement Year:</b>	
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0
<b>Recommendations:</b> Repair delaminated area of deck, sand blast and treat corroded steel. Repair delaminated sections of jersey barriers. Repair approach rail. Replace backer rod and dimeric sealant at jersey barrier expansion joint area.			
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	F2 - Fair	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b> 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.	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 2024.