

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B08202021-10																	
Date: 7/6/2021	Inspected By: Justine Geddes	Category: Office - Bridge Office																	
BRIDGE INFORMATION																			
Site:	3-043 - SHIPBUILDERS BROOK BRIDGE																		
Route:		Overall Length:	19.5 m																
Year Built:	1970	Est: No	Overall Width: 11.8 m																
Year Last Rehab.:	1995	Est: No	Roadway Width: 9.5 m																
Region:	CENTRAL WEST	Sidewalk Width:	0 m																
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	2 m																
Type of Structure:	02 - Double Tee	Max Depth of N.W.L.:	1 m																
Purpose of Structure:	04 - Over Non-Navigable Waters		Spans:																
Type of Handrail:	01 - Aluminum Rail		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Span No.:</u></th> <th style="text-align: left;"><u>Length</u></th> <th style="text-align: left;"><u>Span No.:</u></th> <th style="text-align: left;"><u>Length</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>9.5</td> <td>4</td> <td>0</td> </tr> <tr> <td>2</td> <td>0</td> <td>5</td> <td>0</td> </tr> <tr> <td>3</td> <td>0</td> <td>6</td> <td>0</td> </tr> </tbody> </table>	<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>	<u>Length</u>	1	9.5	4	0	2	0	5	0	3	0	6	0
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1	9.5	4	0																
2	0	5	0																
3	0	6	0																
Roadway Surface:	02 - Asphalt																		
Alignment Vertical:	01 - Good																		
Alignment Horizontal:	01 - Good																		
Restrictions:	No																		
BRIDGE PHOTOS																			
																			
SUBSTRUCTURE																			
Condition:	F1 - Fair	Bearings:	I - Inapplicable																
		Bearing Seat:	F1 - Fair																
Comments:	no visible cracks																		
SUPERSTRUCTURE																			
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable																
Comments:	One double Tee repair has cracked and fallen into river with strand. Others are starting to crack. has had repairs to double tees in past. assume no joint or joint paved over																		
DECK																			
Condition:	P3 - Poor	Curbs:	F1 - Fair																
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair																

Approach Rail:	F1 - Fair		
Comments:	approach rail not structural. potholes and exposed deck through paving on deck surface.		
HYDROLOGY			
Water Velocity:	slow/tidal m/s	Ice Problem:	N - No Problem
Water Depth:	shallow m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2023	Replacement Year:	2028
Antic. Rehab. Cost:	\$50000	Replacement Cost:	\$1000000
Recommendations:	superficial rehab only- could just do overlay for surface conditions replace 5-10 years - may need to monitor after 5		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	good traffic visibility, fairly easy to get down all 4 sides, need rainboots/waders to get completely under bridge hazards: traffic, slipping		
LEGEND:			
Condition Definitions:		Problem Definitions:	Category Definitions:
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.		
PHOTO GUIDELINES:			
Inspection Photos:			
Please provide photos using guidelines below:			
<ul style="list-style-type: none"> ● 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 			
INSPECTION PHOTOS			