

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01142021-10																	
Date: 5/7/2020	Inspected By: Terrance Coates	Category: Eng. - Engineering																	
BRIDGE INFORMATION																			
Site:	4-149 - BURNT POND BROOK BRIDGE																		
Route:		Overall Length:	46.7 m																
Year Built:	1978	Est: No	Overall Width: 10.5 m																
Year Last Rehab.:		Est: No	Roadway Width: 9.3 m																
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m																
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.: 4.3 m																
Type of Structure:	01 - AASH to Girder		Max Depth of N.W.L.: 0.5 m																
Purpose of Structure:	03 - Over 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>31.1</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	31.1	4	0	2	0	5	0	3	0	6	0
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1	31.1	4	0																
2	0	5	0																
3	0	6	0																
Roadway Surface:	01 - Concrete																		
Alignment Vertical:	01 - Good																		
Alignment Horizontal:	01 - Good																		
Restrictions:	No																		
BRIDGE PHOTOS																			
<div style="display: flex; justify-content: space-around;">   </div>																			
SUBSTRUCTURE																			
Condition:	G - Good	Bearings:	G - Good																
		Bearing Seat:	G - Good																
Comments:	Spalling on ballast near exterior girders (4 corners of structure) caused by leaking expansion joints.																		
SUPERSTRUCTURE																			
Condition:	G - Good	Expansion Joints:	P1 - Poor																
Comments:	Expansion joint is leaking. Portion of steel angle iron is missing.																		
DECK																			
Condition:	G - Good	Curbs:	G - Good																
Hand Rail:	P1 - Poor	Roadway Condition:	G - Good																

Approach Rail:	P1 - Poor		
Comments:	Aluminum handrail is damaged as well as numerous aluminum posts. Approach rail is damaged and is not structural. Potholes on the approach side of the expansion joints (asphalt). No end blocks on structure.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	K - Known Problem
Water Depth:	0 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2021	Replacement Year:	2021
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Replace expansion joints. Replace aluminum handrail. Install end blocks. Install new structural guide rail on approaches. Repair ballast walls and curbs. Minor deck repair needed. Remove winter sand build-up along curbs.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:			
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.		Maint. - Maintenance.
			Eng. - Engineering.
			Office - Bridge Office.
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			