
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01212021-3																	
Date: 1/21/2021	Inspected By: Mike Fleming	Category: Eng. - Engineering																	
BRIDGE INFORMATION																			
Site:	4-167 - EAST BRANCH BRIDGE																		
Route:	422	Overall Length:	9.4 m																
Year Built:	1950	Est: No	Overall Width: 11.2 m																
Year Last Rehab.:		Est: No	Roadway Width: 10.7 m																
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m																
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	3.3 m																
Type of Structure:	03 - Reinforced Concrete Beam/Slab		Max Depth of N.W.L.: 0.2 m																
Purpose of Structure:	03 - Over Navigable Waters		Spans:																
Type of Handrail:	02 - Concrete Rail		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th><u>Span No.:</u></th> <th><u>Length</u></th> <th><u>Span No.:</u></th> <th><u>Length</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4.8</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	4.8	4	0	2	0	5	0	3	0	6	0
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1	4.8	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:	P3 - Poor	Bearings:	I - Inapplicable																
		Bearing Seat:	I - Inapplicable																
Comments:	Cracking and spalling noted on abutments and wingwalls. Light scouring noted on the bottom of abutments.																		
SUPERSTRUCTURE																			
Condition:	P1 - Poor	Expansion Joints:	I - Inapplicable																
Comments:	Severely spalled and deteriorated fascia with exposed and moderately corroded reinforcement on the fascia.																		
DECK																			
Condition:	P1 - Poor	Curbs:	I - Inapplicable																
Hand Rail:	P - Poor	Roadway Condition:	I - Inapplicable																

Approach Rail:	P3 - Poor		
Comments:	Guiderail installed for handrail on one side that is damaged creating an open cavity between the rail and the deck. Light amount of patched potholes noted on deck. Approach rail is damaged and leaning.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0 m	Scour Problem:	K - Known 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:			
OBSERVATIONS			
Overall Condition:	P1 - Poor	Requires Further Inspection:	No
Additional Observations:	Hazard markers missing. Inspection pictures on file.		
LEGEND:			
Condition Definitions:		Problem 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:		Category Definitions:	
Inspection Photos:		Maint. - Maintenance.	
Please provide photos using guidelines below:		Eng. - Engineering.	
<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 		Office - Bridge Office.	
INSPECTION PHOTOS			