
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01202020-35																					
Date: 9/3/2019	Inspected By: Lynch R / Martin L	Category: Eng. - Engineering																					
BRIDGE INFORMATION																							
Site:	3-005 - RAGGED HARBOUR RIVER BRIDGE																						
Route:		Overall Length:	40 m																				
Year Built:	1977	Est: No	Overall Width: 10.8 m																				
Year Last Rehab.:		Est: No	Roadway Width: 9.6 m																				
Region:	CENTRAL WEST	Sidewalk Width:	0 m																				
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.5 m																				
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	1 m																				
Purpose of Structure:	04 - Over Non-Navigable Waters																						
Type of Handrail:	01 - Aluminum Rail																						
Roadway Surface:	02 - Asphalt	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Spans:</th> </tr> <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>32</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>		Spans:				<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>	<u>Length</u>	1	32	4	0	2	0	5	0	3	0	6	0
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1	32	4	0																				
2	0	5	0																				
3	0	6	0																				
Alignment Vertical:	01 - Good	2	0																				
Alignment Horizontal:	01 - Good	3	0																				
Restrictions:	No																						
BRIDGE PHOTOS																							
																							
SUBSTRUCTURE																							
Condition:	F2 - Fair	Bearings:	F2 - Fair																				
		Bearing Seat:	F2 - Fair																				
Comments:	Medium scour on abutments with scaling on wing walls, wide vertical cracks in abutment #1. Abutment 2 LHS wet during inspection.																						
SUPERSTRUCTURE																							
Condition:	F2 - Fair	Expansion Joints:	F1 - Fair																				
Comments:	Expansion joint #2 leaking LHS. All joints full of winter sand. Dams damaged by plow #2 worse than #1.																						
DECK																							
Condition:	F2 - Fair	Curbs:	F2 - Fair																				
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair																				

Approach Rail:	F2 - Fair		
Comments:	Asphalt cracked at joints. Worse at expansion joint #2. Settlement at approaches (patched). Narrow cracks in curbs. Hazard marker missing on abutment #2 RHS. Deck drains at abutment 2 bent towards downstream.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Scaling and abrasion on both abutments. Footings buried.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Replace expansion joint #2, clean drains, repair asphalt approaches. Replace LHS guiderail abutment #1 (Tipped out), Install buried ends at exits. Install hazard marker at abutment #2 RHS. Place rip rap at all 4 corners.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Water pooled at joints, drains and joints full of winter sand.		
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.		
Category Definitions:			
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			