

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B01062021-10</b>	
Date: 5/20/2020		Inspected By: Mike Fleming		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:	4-015 - GRAND CODROY RIVER BRIDGE				
Route:		Overall Length:	247 m		
Year Built:	1984	Est: No	Overall Width:	8.8 m	
Year Last Rehab.:		Est: Yes	Roadway Width:	7 m	
Region:	WEST COAST/NORTHERN		Sidewalk Width:	0 m	
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.:	3 m	
Type of Structure:	01 - AASH to Girder		Max Depth of N.W.L.:	0 m	
Purpose of Structure:	03 - Over Navigable Waters		<b>Spans:</b>		
Type of Handrail:	01 - Aluminum Rail		<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>
Roadway Surface:	02 - Asphalt		1	45.1	4
Alignment Vertical:	01 - Good		2	45.1	5
Alignment Horizontal:	01 - Good		3	45.1	6
Restrictions:	No				0
<b>BRIDGE PHOTOS</b>					
<b>SUBSTRUCTURE</b>					
Condition:	G - Good		Bearings:	F2 - Fair	
			Bearing Seat:	G - Good	
Comments:	Cannot fully assess the bearings and bearing seats on the piers. Cracking noted on the bearings that can be inspected. Some minor spalling noted on the underside of some girders. Efflorescent deposits and staining on the abutments.				
<b>SUPERSTRUCTURE</b>					
Condition:	G - Good		Expansion Joints:	P3 - Poor	
Comments:	Cannot fully assess expansion joints due to accumulation of sand; however, evidence of expansion joints leaking can be seen below with road debris on the bearing seats and efflorescent deposits and staining on the abutments.				
<b>DECK</b>					
Condition:	F2 - Fair		Curbs:	P3 - Poor	
Hand Rail:	F2 - Fair		Roadway Condition:	P3 - Poor	
Approach Rail:	F2 - Fair				
Comments:	Damage noted on approach rails and hand rails; Spalling noted on curbs with exposed rebar. Some drains are plugged with debris and winter sand.				
<b>HYDROLOGY</b>					
Water Velocity:	0 m/s		Ice Problem:	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>	2021	<b>Replacement Year:</b>	2021
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$0
<b>Recommendations:</b>			
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	G - Good	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b> Accumulation of winter-sand and no hazard markers present. Inspection pictures on file due to size restrictions.			
<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 F3, F1, P1, 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 2021.