

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01132021-3	
Date: 11/6/2020	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	4-036 - WEST RIVER BRIDGE		
Route:		Overall Length:	25.7 m
Year Built:	1971	Est: No	Overall Width: 10.5 m
Year Last Rehab.:	1999	Est: No	Roadway Width: 8.9 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	4.2 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	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	01 - Concrete	1	16.6
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No		
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	P3 - Poor	Bearings:	P3 - Poor
		Bearing Seat:	P3 - Poor
Comments:	Some exposed rebar with light corrosion noted on North headwall and significant delamination and spalling on South headwall extending to bearing seat with exposed and moderate corrosion to reinforcement. Bearings are significantly deteriorated to a point where the girders are directly in contact with the bearing seat.		
SUPERSTRUCTURE			
Condition:	P3 - Poor	Expansion Joints:	F2 - Fair
Comments:	Rubber seal on expansion joints appear to be damaged; however, unable to fully assess due to accumulation of winter sand.		
DECK			
Condition:	F2 - Fair	Curbs:	P3 - Poor
Hand Rail:	G - Good	Roadway Condition:	P3 - Poor
Approach Rail:	F2 - Fair		
Comments:	Significant curb fascia and soffit spalling that is starting to undermine the hand rail fasteners. Approach rail damaged at buried end. Potholes and transverse cracking noted within the asphalt on approaches adjacent to expansion joints.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem

Water Depth:	0 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2021	Replacement Year:	2021
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:			
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations: Note: could not fully assess girders and bearing seat due to high water levels. Inspection pictures are 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.		
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 F3, F1, P1, or C ● Any evidence of known ice, scour, debris, waterway problems 			
INSPECTION PHOTOS			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.