

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B02062023-4	
Date: 5/2/2022	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	4-152 - WHEELER BRIDGE NOEL POND		
Route:		Overall Length:	18.3 m
Year Built:	1958	Est: No	Overall Width: 8.9 m
Year Last Rehab.:		Est: No	Roadway Width: 7.5 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.8 m
Type of Structure:	03 - Reinforced Concrete Beam/Slab	Max Depth of N.W.L.:	0.3 m
Purpose of Structure:	03 - Over Navigable Waters		
Type of Handrail:	02 - Concrete Rail	Spans:	
Roadway Surface:	02 - Asphalt	<u>Span No.:</u>	<u>Length</u>
Alignment Vertical:	01 - Good	1	18.3
Alignment Horizontal:	01 - Good	2	0
Restrictions:	No	3	0
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	U - Uninspectable
		Bearing Seat:	U - Uninspectable
Comments:	Exposed and corroded steel noted on the top on one wingwall. Unable to inspect bearings and bearing seats due to high water level.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Could not fully assess the girders due to high water level; however, light amount of spalling noted on one fascia girder.		
DECK			
Condition:	P3 - Poor	Curbs:	F1 - Fair
Hand Rail:	P1 - Poor	Roadway Condition:	F1 - Fair
Approach Rail:	F2 - Fair		
Comments:	Significant amount of handrail deterioration. Erosion and undermining noted between one end blocks and the approach. Light/minor amount of potholes noted at the interface of the approach/deck. Approach rail is not structural and no end blocks noted. Light deterioration of curb.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	K - Known Problem
	0 m		K - Known Problem

Water Depth:		Scour Problem:	
Waterway:	01 - Adequate	Debris Problem:	K - Known Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2023	Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations: Replace handrail, Install End Blocks, Install structural approach rail, repair girders.			
OBSERVATIONS			
Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations: Significant amount of debris accumulation at the upstream side of the pier.			
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 2024.