
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B08022021-3	
Date: 5/6/2021	Inspected By: Butler	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-177 - NORTH HARBOUR BRIDGE (OLD)		
Route:	210	Overall Length:	12 m
Year Built:	1950	Est: Yes	Overall Width: 6 m
Year Last Rehab.:		Est: No	Roadway Width: 5.5 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	3 m
Type of Structure:	03 - Reinforced Concrete Beam/Slab	Max Depth of N.W.L.:	1 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	02 - Concrete Rail	Span No.:	Length
Roadway Surface:	01 - Concrete	1	6
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	Yes	Span No.:	Length
Describe Restrictions:	Approach sign "This road not maintained by Dept. Of Trans. Use at own risk"		
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	P3 - Poor	Bearings:	U - Uninspectable
		Bearing Seat:	U - Uninspectable
Comments:	Concrete abutments and wingwalls. Severe deterioration of all components.		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable
Comments:	3 reinforced concrete beams. Beam one has significant longitudinal cracking with efflorescence, mostly bottom half of beam.		
DECK			
Condition:	P3 - Poor	Curbs:	I - Inapplicable
Hand Rail:	P - Poor	Roadway Condition:	I - Inapplicable

Approach Rail:	P - Poor		
Comments:	Exposed concrete deck with gravel approaches. Deck is covered with gravel, underside has some cracking with efflorescence. Deck edges and curbs are severely disintegrated. Timber hand rail installed on bridge.		
HYDROLOGY			
Water Velocity:	1.5 m/s	Ice Problem:	N - No Problem
Water Depth:	1.5 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Significant debris - trees and brush - upstream of structure may move and block opening. The stream bank holding the vegetation in place does not appear solid.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Remove structure. This bridge is on a cabin road, has 2 entrances and does not require a through road.		
OBSERVATIONS			
Overall Condition:	P - Poor	Requires Further Inspection:	No
Additional Observations:	Bridge is located 800m from R210, turn off right at km 8.7, onto the old R210 alignment. Bridge can also be accessed from a road opposite from the North Harbour Intersection, 4.2km from R210.		
LEGEND:			
Condition Definitions:			
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	Problem Definitions:
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	N - No Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	P - Possible Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		K - Known Problem.
G - Good.	P - Poor.		NA - Not Applicable.
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			

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