

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06182024-3	
Date: 6/18/2024	Inspected By: Damien Burns	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:	03 - Timber Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	01 - Concrete	1	6
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	Yes	4	0
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:	Previous Inspection - Concrete abutments and wingwalls. Severe deterioration of all components. new inspection - Appears to be rust staining on abutment #2 right due to the old bridge rail above. Abutment #2 right has exposed rebar		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Previous Inspection - 3 reinforced concrete beams. Beam one has significant longitudinal cracking with efflorescence, mostly bottom half of beam. New Inspection - Beam 3 has alligator cracking with efflorescence.		
DECK			

Condition:	P3 - Poor	Curbs:	P3 - Poor
Hand Rail:	P - Poor	Roadway Condition:	I - Inapplicable
Approach Rail:	P - Poor		
Comments:	Previous Inspection - 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. New Inspection - Left side deck/curb is now completely missing.		
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:	Previous Inspection - 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:	Previous Inspection - 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:	Previous Inspection - 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 Harbor Intersection, 4.2km from R210. New Inspection - Appears to be small pieces of wood/lumber in girders and abutments		

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.