
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Works	BRIDGE INSPECTION REPORT B12222017-4 Printed: Friday, October 5, 2018	
Date: 12/20/2017	Inspected By: AB	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-195 - GARDEN COVE BRIDGE (OLD)		
Route:	210	Overall Length:	12 m
Year Built:	1960	Overall Width:	7.8 m
Year Last Rehab.:		Roadway Width:	7.2 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.5 m
Type of Structure:	03 - Reinforced Concrete Beam/Slab	Max Depth of N.W.L.:	0.5 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	02 - Concrete Rail	Span No.:	Length
Roadway Surface:	01 - Concrete	Span No.:	Length
Alignment Vertical:	01 - Good	1	5.5
Alignment Horizontal:	01 - Good	2	0
Restrictions:	No	3	0
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair (Inspection within 2 Years)	Bearings:	I - Inapplicable
		Bearing Seat:	F2 - Fair (Inspection within 2 Years)
Comments:	Concrete abutments and wingwalls. Some cracking and erosion of the concrete.		
SUPERSTRUCTURE			
Condition:	F2 - Fair (Inspection within 2 Years)	Expansion Joints:	I - Inapplicable
Comments:	Reinforced concrete deck slab. Top weathered, some light cracks, noticed during last inspection. Bridge was snow covered during this inspection.		
DECK			
Condition:	U - Uninspectable	Curbs:	U - Uninspectable
Hand Rail:	F2 - Fair (Inspection within 2 Years)	Roadway Condition:	U - Uninspectable

Approach Rail:	I - Inapplicable		
Comments:	Exposed concrete deck. Some vegetation growing on deck. Concrete hand rail, some light cracks. Roadway partly grown in. Bridge was snow covered during this inspection. Appeared to be a settlement adjacent to approach 2.		
HYDROLOGY			
Water Velocity:	0.5 m/s	Ice Problem:	N - No Problem
Water Depth:	0.5 m	Scour Problem:	K - Known Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Minor scour at abutment two, could be causing settlement on approach surface.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0.00	Replacement Cost:	\$0.00
Recommendations:	Repair scour and settlement.		
OBSERVATIONS			
Overall Condition:	F2 - Fair (Inspection within 2 Years)	Requires Further Inspection:	No
Additional Observations:	Located on old R210 alignment, 100m downstream from Garden Cove Bridge, site #2-092. Used by ATV's. Access by old trail 120m beyond Garden Cove Bridge, site #2-092, on the right.		
LEGEND:			
Condition Definitions:		Problem Definitions:	
1 - *Good - [discontinued code].	F2 - Fair (Inspection within 2 Years).	C - Unsafe (Closed to Public).	N - No Problem.
2 - *Fair - [discontinued code].	F1 - Fair (Inspection within 1 Year).	U - Uninspectable.	P - Possible Problem.
3 - *Poor - [discontinued code].	P3 - Poor (Repair within 3 Years).	I - Inapplicable.	K - Known Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor (Repair within 1 Year).		NA - Not Applicable.
G - Good (Inspection within 2 Years).	P - Poor (Immediate Repair).		
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 Works, Government of Newfoundland and Labrador 2018.