

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B05292020-22	
Date: 5/27/2020	Inspected By: AB	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-099 - FAIRHAVEN BRIDGE SOUTH		
Route:	203	Overall Length:	15 m
Year Built:	1970	Est: No	Overall Width: 7.4 m
Year Last Rehab.:	2013	Est: No	Roadway Width: 6.4 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.6 m
Type of Structure:	08 - Steel Bridge	Max Depth of N.W.L.:	1 m
Purpose of Structure:	04 - Over Non-Navigable Waters		
Type of Handrail:	04 - Steel Rail	Spans:	
Roadway Surface:	03 - Timber	<u>Span No.:</u>	<u>Length</u>
Alignment Vertical:	01 - Good	1	9.7
Alignment Horizontal:	01 - Good	2	0
Restrictions:	No	3	0
		<u>Span No.:</u>	<u>Length</u>
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	F2 - Fair
Comments:	Cresote timber abutments and timber walls. Some medium cracking and decay throughout. Scour repairs made 2013 with concrete. Timber repairs on wing walls made 2013. Abutment 2 wing walls appear to be bulging along with Abutment 1 right side.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Eight new steel beams with bracing installed 2013. Some light surface rusting.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair

Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	F2 - Fair		
Comments:	100mm x 200mm rough treated timber decking with 50mm x 150mm rough treated timber raceway. 150mm x 150mm rough treated timber curbs. Bridge rail is galvanized steel posts mounted to timber deck with galvanized flex beam and 100mm x 100mm dressed hand rail. Hand rail left side is broken. Object marker is missing abutment two right side.		

HYDROLOGY

Water Velocity:	1.5 m/s	Ice Problem:	N - No Problem
Water Depth:	.5 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Scour repairs done in 2013		

REPLACEMENT/REHABILITATION

Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Repair hand rail, replace missing object marker.		

OBSERVATIONS

Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Superstructure replaced 2013 - beams, deck and railing.		

LEGEND:

Condition Definitions:			Problem Definitions:	Category Definitions:
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.	Maint. - Maintenance.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.	Eng. - Engineering.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.	Office - Bridge Office.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.	
G - Good.	P - Poor.			

PHOTO GUIDELINES:

Inspection Photos:

Please provide photos using guidelines below:

- 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