
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B05282019-3	
Date: 5/28/2019	Inspected By: Hunt R	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-267 - HARBOUR BRIDGE-HARBOUR RD.,CHAPEL'S		
Route:		Overall Length:	7.8 m
Year Built:	1983	Est: No	Overall Width: 5.2 m
Year Last Rehab.:		Est: No	Roadway Width: 4.6 m
Region:	AVALON PENINSULA	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.9 m
Type of Structure:	11 - Timber Bridge	Max Depth of N.W.L.:	1.4 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	03 - Timber Rail	Span No.:	Length
Roadway Surface:	03 - Timber	1	4
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	U - Uninspectable
Comments:	Creosote timber crib abutment and wing wall. Light face damage to faces of both abutments. No wing wall at Northeast and Southwest ends. Old timber without retaining wall at North East corner of structure.		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Medium corrosion to steel I beams.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair

Approach Rail:	I - Inapplicable		
Comments:	Asphalt approach on West side of structure. Gravel on East side light weight on timber structure.		
HYDROLOGY			
Water Velocity:	0.2 m/s	Ice Problem:	N - No Problem
Water Depth:	1.0 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Some slope erosion on corners of structures.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2019	Replacement Year:	2023
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$100
Recommendations:	Very light over structure. Possible guiderail could be installed c/w hazard warnings.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Still unsure if structure is in the departments responsibility.		
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.