

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Works	BRIDGE INSPECTION REPORT B07112018-5 Printed: Tuesday, October 2, 2018	
Date: 7/10/2018	Inspected By: Parsons R	Category: Maint. - Maintenance	
BRIDGE INFORMATION			
Site:	1-243 - HEART'S DELIGHT BROOK BRIDGE(NORTH)		
Route:		Overall Length:	14.8 m
Year Built:	1965	Est: No	Overall Width: 9.5 m
Year Last Rehab.:		Est: No	Roadway Width: 8.6 m
Region:	AVALON PENINSULA	Sidewalk Width:	0.45 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	2 m
Type of Structure:	02 - Double Tee	Max Depth of N.W.L.:	0.4 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	01 - Aluminum Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	<u>Span No.:</u>	<u>Length</u>
Alignment Vertical:	02 - Adequate	1	10.6
Alignment Horizontal:	02 - Adequate	2	0
Restrictions:	No	3	0
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair (Inspection within 2 Years)	Bearings:	G - Good (Inspection within 2 Years)
		Bearing Seat:	G - Good (Inspection within 2 Years)
Comments:	- Deterioration of concrete abutments. - Some scouring.		
SUPERSTRUCTURE			
Condition:	F1 - Fair (Inspection within 1 Year)	Expansion Joints:	U - Uninspectable
Comments:	- Expansion joints paved over. - Rail footings deteriorating.		
DECK			
Condition:	F2 - Fair (Inspection within 2 Years)	Curbs:	F2 - Fair (Inspection within 2 Years)
Hand Rail:	F2 - Fair (Inspection within 2 Years)	Roadway Condition:	F2 - Fair (Inspection within 2 Years)

Approach Rail:	F1 - Fair (Inspection within 1 Year)		
Comments:	- Handrail buckled in places. - North approach handrail needs repair.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	1 m	Scour Problem:	K - Known Problem
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2018	Replacement Year:	2018
Antic. Rehab. Cost:	\$0.00	Replacement Cost:	\$0.00
Recommendations:			
OBSERVATIONS			
Overall Condition:	F2 - Fair (Inspection within 2 Years)	Requires Further Inspection:	No
Additional Observations:			
LEGEND:			
Condition Definitions:			
1 - *Good - [discontinued code].	F2 - Fair (Inspection within 2 Years).	C - Unsafe (Closed to Public).	Problem Definitions:
2 - *Fair - [discontinued code].	F1 - Fair (Inspection within 1 Year).	U - Uninspectable.	N - No Problem.
3 - *Poor - [discontinued code].	P3 - Poor (Repair within 3 Years).	I - Inapplicable.	P - Possible Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor (Repair within 1 Year).		K - Known Problem.
G - Good (Inspection within 2 Years).	P - Poor (Immediate Repair).		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 Works, Government of Newfoundland and Labrador 2018.