

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01182021-6	
Date: 5/25/2020	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	4-100 - FAIRFAX BROOK BRIDGE		
Route:		Overall Length:	28.9 m
Year Built:	1978	Est: Yes	Overall Width: 11.4 m
Year Last Rehab.:		Est: No	Roadway Width: 10.4 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.: 5.1 m
Type of Structure:	02 - Double Tee		Max Depth of N.W.L.: 0.2 m
Purpose of Structure:	03 - Over Navigable Waters		Spans:
Type of Handrail:	01 - Aluminum Rail		<u>Span No.:</u> <u>Length</u> <u>Span No.:</u> <u>Length</u>
Roadway Surface:	02 - Asphalt		1 11.9 4 0
Alignment Vertical:	01 - Good		2 0 5 0
Alignment Horizontal:	02 - Adequate		3 0 6 0
Restrictions:	No		
BRIDGE PHOTOS			
<div style="display: flex; justify-content: space-around;">   </div>			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	G - Good
		Bearing Seat:	G - Good
Comments:	Minor cracking and spalling on abutments. Minor spalling on underside of deck.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:			
DECK			
Condition:	F2 - Fair	Curbs:	P1 - Poor
Hand Rail:	F2 - Fair	Roadway Condition:	P1 - Poor

Approach Rail:	P1 - Poor		
Comments:	Approach rail is in poor condition and needs to be replaced. Curb is heavily deteriorated with moderately corroded exposed rebar.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	P - Possible Problem
Water Depth:	0 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2021	Replacement Year:	2021
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Install end blocks, repair curb, replace approach rail. Remove sand from curb, clean drains, install hazard markers.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Inspection pictures on file.		
LEGEND:			
Condition Definitions:		Problem Definitions:	Category Definitions:
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.
G - Good.	P - Poor.		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 sees 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			