

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01102020-10	
Date: 11/14/2019	Inspected By: Lynch R / Martin L	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-171 - EEL BROOK BRIDGE		
Route:		Overall Length:	18.4 m
Year Built:	1967	Est: No	Overall Width: 0 m
Year Last Rehab.:		Est: No	Roadway Width: 13.4 m
Region:	CENTRAL WEST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	0 m
Type of Structure:	02 - Double Tee	Max Depth of N.W.L.:	0 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	02 - Concrete Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	<u>Span No.:</u>	<u>Length</u>
Alignment Vertical:	01 - Good	1	11
Alignment Horizontal:	01 - Good	2	0
Restrictions:	No	3	0
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	U - Uninspectable
		Bearing Seat:	F1 - Fair
Comments:	Minor spalling of bearing seat on abutment #2, medium scour at bottoms of abutments. Medium-wide cracks in abutments; rehabilitated corners are cracked throughout and starting to fall off.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Double tees in good shape. Spall around deck drain on LHS. No evidence of leaking in deck/double tee joints.		
DECK			
Condition:	F2 - Fair	Curbs:	F1 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair
Approach Rail:	F2 - Fair		
Comments:	Minor settlement at approaches with patches. Curb spalled with wide cracks on both sides at abutment #2		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem

Comments: Washouts at curb corners near abutment #2	
REPLACEMENT/REHABILITATION	
Next Rehab. Date:	Replacement Year:
Antic. Rehab. Cost: \$0	Replacement Cost: \$0
Recommendations: Repair curbs and washouts.	
OBSERVATIONS	
Overall Condition: F2 - Fair	Requires Further Inspection: No
Additional Observations: Mink trap on RHS, abutment #2. Could not get under bridge to completely see underside of deck.	
LEGEND:	
Condition Definitions:	Problem Definitions:
1 - *Good - [discontinued code].	N - No Problem.
2 - *Fair - [discontinued code].	P - Possible Problem.
3 - *Poor - [discontinued code].	K - Known Problem.
4 - *Unsafe - [discontinued code].	NA - Not Applicable.
G - Good.	
F2 - Fair.	
F1 - Fair.	
P3 - Poor.	
P1 - Poor.	
P - Poor.	
C - Unsafe (Closed to Public).	
U - Uninspectable.	
I - Inapplicable.	
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.