
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01132020-15	
Date: 11/27/2019	Inspected By: Sharron J / Burge H	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-040 - RUSHY POND BROOK BRIDGE		
Route:		Overall Length:	59 m
Year Built:	1965	Est: No	Overall Width: 9.8 m
Year Last Rehab.:	2004	Est: No	Roadway Width: 8.3 m
Region:	CENTRAL WEST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.9 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	2 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	1	23.7
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	Yes	4	0
Describe Restrictions:	Narrow bridge	5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	Minor spall on abutment #2. Spalling and cracking on creep blocks; both abutments and pier upstream. Pier creep block some disintegration (worse than abutments).		
SUPERSTRUCTURE			
Condition:	P3 - Poor	Expansion Joints:	P3 - Poor
Comments:	Expansion joints paved over but leaking. Pier still has some formwork from installing expansion joint. Girder #5 has spalling; rebar exposed and rusting at mid-span as well as girder #1 with disintegration on sides.		
DECK			
Condition:	F1 - Fair	Curbs:	F1 - Fair

Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair
Approach Rail:	F1 - Fair		
Comments:	Recently paved, some efflorescence in some areas under the deck and some spalling at deck drains. Spalling on curb #1 and on the outer side of Curb #2 near southeast wing wall disintegrated; rebar exposed. End blocks cracking and minor spalls and some disintegration. No structural rail.		

HYDROLOGY

Water Velocity:	00.2 m/s	Ice Problem:	N - No Problem
Water Depth:	1.0 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Piles of asphalt beneath deck drain.		

REPLACEMENT/REHABILITATION

Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Replace structure.		

OBSERVATIONS

Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	Narrow structure. Previous deck repair. Scheduled to be replaced in 2020.		

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