
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01162020-4																					
Date: 8/20/2019	Inspected By: Lynch R / Martin L	Category: Eng. - Engineering																					
BRIDGE INFORMATION																							
Site:	3-062 - LOCKER'S BAY BRIDGE																						
Route:		Overall Length:	15.2 m																				
Year Built:	1978	Est: No	Overall Width: 11.2 m																				
Year Last Rehab.:		Est: No	Roadway Width: 9.5 m																				
Region:	CENTRAL WEST	Sidewalk Width:	0 m																				
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	2.5 m																				
Type of Structure:	02 - Double Tee	Max Depth of N.W.L.:	0.5 m																				
Purpose of Structure:	04 - Over Non-Navigable Waters																						
Type of Handrail:	01 - Aluminum Rail																						
Roadway Surface:	02 - Asphalt	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Spans:</th> </tr> <tr> <th><u>Span No.:</u></th> <th><u>Length</u></th> <th><u>Span No.:</u></th> <th><u>Length</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10</td> <td>4</td> <td>0</td> </tr> <tr> <td>2</td> <td>0</td> <td>5</td> <td>0</td> </tr> <tr> <td>3</td> <td>0</td> <td>6</td> <td>0</td> </tr> </tbody> </table>		Spans:				<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>	<u>Length</u>	1	10	4	0	2	0	5	0	3	0	6	0
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Alignment Vertical:	01 - Good																						
Alignment Horizontal:	01 - Good																						
Restrictions:	No																						
BRIDGE PHOTOS																							
																							
SUBSTRUCTURE																							
Condition:	F2 - Fair	Bearings:	U - Uninspectable																				
		Bearing Seat:	U - Uninspectable																				
Comments:	Could not see bearing seats; not able to get under bridge. Minor scour from high water mark down. Delaminations/spalling on both abutments. Wide cracks in creep blocks.																						
SUPERSTRUCTURE																							
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable																				
Comments:	Rebar exposed on outside legs of upstream and downstream double tees. Inside legs of outside double tees also have narrow horizontal cracks at bottoms of legs																						
DECK																							
Condition:	F2 - Fair	Curbs:	P3 - Poor																				

Hand Rail:	F2 - Fair	Roadway Condition:	P3 - Poor
Approach Rail:	F2 - Fair		
Comments:	Curbs are cracked throughout with spalls and rebar exposed. Soffits have delaminations/cracking/spalling throughout. Deck drains are missing; only the holes remain - rebar exposed. Guide rails aren't attached to hand rails; no end blocks. Hand rails are missing end caps. 1st post on RHS rail has anchor bolts exposed; concrete spalled away.		

HYDROLOGY

Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Washout at abutment #1 LHS at wing wall.		

REPLACEMENT/REHABILITATION

Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Repair washout. Repair asphalt at deck ends. Repair curbs/soffits. Replace deck drains. Install end blocks and attach approach rail.		

OBSERVATIONS

Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Salt water exposure / tidal action.		

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