

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B11282023-8																	
Date: 11/28/2023	Inspected By: Darrell Avery	Category: Eng. - Engineering																	
BRIDGE INFORMATION																			
Site: 2-171 - GOOBIES MABEY BRIDGE																			
Route: 210	Overall Length: 25 m																		
Year Built: 2011	Est: No	Overall Width: 7 m																	
Year Last Rehab.:	Est: No	Roadway Width: 4.1 m																	
Region: CENTRAL EAST		Sidewalk Width: 0 m																	
Jurisdiction: Provincial		Clearance to R.D. or N.W.L.: 2 m																	
Type of Structure: 09 - Bailey Bridge		Max Depth of N.W.L.: 1 m																	
Purpose of Structure: 03 - Over Navigable Waters		Spans:																	
Type of Handrail: 06 - None		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Span No.:</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Span No.:</th> <th style="text-align: left;">Length</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>24.4</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>	Span No.:	Length	Span No.:	Length	1	24.4	4	0	2	0	5	0	3	0	6	0	
Span No.:	Length	Span No.:	Length																
1	24.4	4	0																
2	0	5	0																
3	0	6	0																
Roadway Surface: 03 - Timber																			
Alignment Vertical: 01 - Good																			
Alignment Horizontal: 01 - Good																			
Restrictions: Yes																			
Describe Restrictions: Bridge is one lane only. Mabeys Compact 200 SSHR++ Extra Wide, 8 panels long.																			
BRIDGE PHOTOS																			
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; text-align: center;">  </td> <td style="width: 33%; text-align: center;">  </td> <td style="width: 33%; text-align: center;">  </td> </tr> <tr> <td style="width: 33%; text-align: center;">  </td> <td style="width: 33%; text-align: center;">  </td> <td></td> </tr> </table>																			
																			
																			
SUBSTRUCTURE																			
Condition: F2 - Fair	Bearings: F2 - Fair																		
	Bearing Seat: F2 - Fair																		
Previous inspection - Pressure treated timber crib abutments with concrete bearing seats. Some debris on																			

Comments:	bearing seat. Rusting starting on Girders.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Eight panel single lane Mabey bridge.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	P1 - Poor		
Comments:	Previous inspection - 75mm timber deck with 50mm timber wearing surface. Timber chesses are too closely spaced, allowing gravel and sand to remain on the deck collecting moisture. Raceway timbers worn. Some light impact damage on approach rail and right side wheel guard over abutment 1. impact damage to chain link fencing and bridge rail over abutment 1 left side. Approach 2 left buried end is broken. New inspection - also damage to left wheel guard.		
HYDROLOGY			
Water Velocity:	1.0 m/s	Ice Problem:	N - No Problem
Water Depth:	0.5 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Previous inspection - When timbers require replacement in several years time, space them out 30-50mm between them. Replace buried end Clean deck Repair wheel guard and fencing		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.