

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06132022-6																	
Date: 5/2/2022	Inspected By: Colby Spencer	Category: Eng. - Engineering																	
BRIDGE INFORMATION																			
Site:	4-051 - SANDY LAKE NARROWS BRIDGE																		
Route:	401	Overall Length:	89.4 m																
Year Built:	1968	Est: No	Overall Width: 9 m																
Year Last Rehab.:	1993	Est: No	Roadway Width: 7.4 m																
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m																
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	6.2 m																
Type of Structure:	03 - Reinforced Concrete Beam/Slab		Max Depth of N.W.L.: 0 m																
Purpose of Structure:	03 - Over Navigable Waters		Spans:																
Type of Handrail:	01 - Aluminum Rail		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Span No.:</u></th> <th style="text-align: left;"><u>Length</u></th> <th style="text-align: left;"><u>Span No.:</u></th> <th style="text-align: left;"><u>Length</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>30.9</td> <td>4</td> <td>0</td> </tr> <tr> <td>2</td> <td>15.5</td> <td>5</td> <td>0</td> </tr> <tr> <td>3</td> <td>30.9</td> <td>6</td> <td>0</td> </tr> </tbody> </table>	<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>	<u>Length</u>	1	30.9	4	0	2	15.5	5	0	3	30.9	6	0
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1	30.9	4	0																
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Roadway Surface:	02 - Asphalt																		
Alignment Vertical:	01 - Good																		
Alignment Horizontal:	01 - Good																		
Restrictions:	No																		
BRIDGE PHOTOS																			
																			
SUBSTRUCTURE																			
Condition:	G - Good	Bearings:	G - Good																
		Bearing Seat:	G - Good																
Comments:																			
SUPERSTRUCTURE																			
Condition:	G - Good	Expansion Joints:	F2 - Fair																
Comments:	Sleeper block side of expansion joint at the end of the approach slab is settling/overturning exposing the steel plate on one side of the expansion joint causing a hazard for snow plows.																		
DECK																			
Condition:	G - Good	Curbs:	G - Good																
Hand Rail:	I - Inapplicable	Roadway Condition:	G - Good																

Approach Rail:	G - Good		
Comments:	Jersey barrier railing		
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:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Remove winter sand build-up along jersey barrier railing. Repair/replace settled side of expansion joint.		
OBSERVATIONS			
Overall Condition:	G - Good	Requires Further Inspection:	No
Additional Observations:			
LEGEND:			
Condition Definitions:			
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	Problem Definitions:
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	N - No Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	P - Possible Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		K - Known Problem.
G - Good.	P - Poor.		NA - Not Applicable.
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			