

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B09202021-6		
Date: 4/7/2021		Inspected By: Paul Lawrence		Category: Eng. - Engineering		
BRIDGE INFORMATION						
Site:	1-369 - NEW MELBOURNE BRIDGE					
Route:	80	Overall Length:	9 m			
Year Built:	1975	Est: No	Overall Width:	10 m		
Year Last Rehab.:		Est: No	Roadway Width:	6.5 m		
Region:	AVALON PENINSULA		Sidewalk Width:	0.3 m		
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.:	1.8 m		
Type of Structure:	04 - Rigid Frame		Max Depth of N.W.L.:	0.2 m		
Purpose of Structure:	04 - Over Non-Navigable Waters		Spans:			
Type of Handrail:	02 - Concrete Rail		<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt		1	4.5	4	0
Alignment Vertical:	01 - Good		2	0	5	0
Alignment Horizontal:	02 - Adequate		3	0	6	0
Restrictions:	No					
BRIDGE PHOTOS						
SUBSTRUCTURE						
Condition:	F1 - Fair	Bearings:	I - Inapplicable			
		Bearing Seat:	I - Inapplicable			
Comments:	Structure built in 2 sections - Some scouring under upstream end of North frame leg footing - Some honeycombing in South footing					
SUPERSTRUCTURE						
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable			
Comments:	- 4 wingwalls in good condition - Some narrow vertical cracking in faces of frame legs - Minor efflor. deposits in concrete frame legs					
DECK						
Condition:	F2 - Fair	Curbs:	F2 - Fair			
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair			
Approach Rail:	G - Good					
Comments:	- Deck soffit has some concrete spalling with small pieces falling off					
HYDROLOGY						
Water Velocity:	0.2 m/s	Ice Problem:	N - No Problem			
Water Depth:	0.3 m	Scour Problem:	N - No Problem			
Waterway:	01 - Adequate	Debris Problem:	N - No Problem			

Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2021	Replacement Year:	2021
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:			
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations: 1 corner hazard marker broken off			
LEGEND:			
Condition Definitions:		Problem Definitions:	
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.
G - Good.	P - Poor.		
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.