

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B02142023-1	
Date: 5/9/2022	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-108 - NICHOLSVILLE UNDERPASS		
Route:		Overall Length:	60.1 m
Year Built:	1986	Est: No	Overall Width: 13.3 m
Year Last Rehab.:		Est: No	Roadway Width: 10.6 m
Region:	WEST COAST/NORTHERN	Sidewalk Width:	1.1 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	5.4 m
Type of Structure:	05 - Pre-stressed Concrete Slab	Max Depth of N.W.L.:	0 m
Purpose of Structure:	01 - Highway Grade Separation	Spans:	
Type of Handrail:	01 - Aluminum Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	24.4
Alignment Vertical:	01 - Good	2	24.4
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	G - Good	Bearings:	G - Good
		Bearing Seat:	G - Good
Comments:	Rehab work completed in 2021		
SUPERSTRUCTURE			
Condition:	G - Good	Expansion Joints:	F1 - Fair
Comments:	Rehab work completed in 2021. Unable to fully assess expansion joints due to accumulation of winter sand.		
DECK			
Condition:	F1 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair
Approach Rail:	F1 - Fair		
Comments:	Asphalt delamination/potholes noted on deck. Approach rail is not structural. Minor damage noted along curb.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	NA - Not Applicable
Water Depth:	0 m	Scour Problem:	NA - Not Applicable
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable
Comments:			

REPLACEMENT/REHABILITATION				
Next Rehab. Date:	2023	Replacement Year:		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0	
Recommendations:	Asphalt potholes should be patched			
OBSERVATIONS				
Overall Condition:	F2 - Fair	Requires Further Inspection:	No	
Additional Observations:	Pics on file.			
LEGEND:				
Condition Definitions:				
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	Problem Definitions:	Category Definitions:
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	N - No Problem.	Maint. - Maintenance.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	P - Possible Problem.	Eng. - Engineering.
4 - *Unsafe - [discontinued code].	P1 - Poor.		K - Known Problem.	Office - Bridge Office.
G - Good.	P - Poor.		NA - Not Applicable.	
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 2024.