

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B02072023-1	
Date: 5/4/2022	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-125 - RIVERSIDE DRIVE UNDERPASS		
Route:		Overall Length:	67.5 m
Year Built:	1993	Est: No	Overall Width: 10.6 m
Year Last Rehab.:		Est: No	Roadway Width: 8.9 m
Region:	WEST COAST/NORTHERN	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	5.1 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	<u>Span No.:</u>	<u>Length</u>
Alignment Vertical:	01 - Good	1	14.4
Alignment Horizontal:	02 - Adequate	2	32.4
Restrictions:	No	3	14.4
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	F1 - Fair
		Bearing Seat:	F1 - Fair
Comments:	Minor deterioration on one section of the bearing seat. Light to moderate corrosion on the bearings. Minor cracking noted on the columns.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor
Comments:	Steel on one expansion joint is damaged and the seal on the other is separated. Light spalling noted on the underside of deck.		
DECK			
Condition:	F1 - Fair	Curbs:	F1 - Fair

Hand Rail:	P3 - Poor	Roadway Condition:	P3 - Poor
Approach Rail:	P3 - Poor		
Comments:	Significant asphalt delamination on deck and approach slabs. Damage noted on handrail and Approach Rail. Could not fully assess curb due to significant accumulation of winter sand. One area of spalling noted on Curb Fascia.		

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:	Install Hazard Markers, repair handrail, replace expansion joints, replace approach rail, resurface deck and approaches, repair concrete on curb and deck soffit.		

OBSERVATIONS

Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:	Pics on file.		

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