

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01192023-3	
Date: 4/19/2022	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-110 - FERRY TERMINAL HIGHWAY OVERPASS		
Route:		Overall Length:	87.1 m
Year Built:	1990	Est: No	Overall Width: 16.3 m
Year Last Rehab.:		Est: No	Roadway Width: 14.3 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	7.3 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> <u>Span No.:</u> <u>Length</u>
Roadway Surface:	02 - Asphalt	1	31.8 4 0
Alignment Vertical:	01 - Good	2	31.8 5 0
Alignment Horizontal:	01 - Good	3	0 6 0
Restrictions:	No		
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	One hairline vertical crack noted on one abutment wall.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor
Comments:	Both expansion joints are in poor condition; expansion joint on the West end is severely damaged with missing components and leaking.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair
Approach Rail:	P3 - Poor		
Comments:	Significant void noted on the West end approach adjacent to the end block. Small sections of spalling and exposed and corroded rebar on curb fascia and soffit. Approach rail is no longer attached to the end blocks.		
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:	Replace expansion joints, replace approach rail, repair spalling on curb fascia and soffit, fill in the one void adjacent to the end block .		
OBSERVATIONS			
Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:			
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 2024.