

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B10042021-6	
Date: 10/3/2021	Inspected By: Justine Geddes	Category: Office - Bridge Office	
BRIDGE INFORMATION			
Site:	TCH-191 - BIFURCATION OVERPASS WEST		
Route:	1	Overall Length:	38.2 m
Year Built:	1998	Est: No	Overall Width: 18.5 m
Year Last Rehab.:		Est: No	Roadway Width: 17.6 m
Region:	AVALON PENINSULA	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	5.5 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:	05 - Concrete Barrier	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	9
Alignment Vertical:	01 - Good	2	13
Alignment Horizontal:	01 - Good	3	9
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	F1 - Fair
		Bearing Seat:	F2 - Fair
Comments:	- Steel casing is rusting on bearings		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	F1 - Fair
Comments:	- Possible leakage underneath, should replace with asphalt plugs within 10 years		
DECK			
Condition:	F2 - Fair	Curbs:	I - Inapplicable
Hand Rail:	F2 - Fair	Roadway Condition:	I - Inapplicable

Approach Rail:	F2 - Fair		
Comments:	- Rock lined gutter set too high on one side - 1 hazard marker missing - Paving on one lane still to be complete, surface of deck seems to be in good condition		
HYDROLOGY			
Water Velocity:	n/a m/s	Ice Problem:	NA - Not Applicable
Water Depth:	n/a m	Scour Problem:	NA - Not Applicable
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2026	Replacement Year:	2073
Antic. Rehab. Cost:	\$100	Replacement Cost:	\$5000
Recommendations:	- Could be converted to semi integral		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	- Pigeons nesting - Needs traffic control for inspection Hazards include; tripping, slipping, falling		
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			