

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06082023-6	
Date: 5/28/2023	Inspected By: M Button/S Walsh	Category: Office - Bridge Office	
BRIDGE INFORMATION			
Site:	TCH-193 - TOPSAIL RD OVERPASS WEST		
Route:	1	Overall Length:	56.7 m
Year Built:	1997	Est: No	Overall Width: 13 m
Year Last Rehab.:		Est: No	Roadway Width: 12.1 m
Region:	AVALON PENINSULA		Sidewalk Width: 0 m
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.: 5.6 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		
Roadway Surface:	02 - Asphalt	Span No.:	Length
Alignment Vertical:	01 - Good	1	13.5
Alignment Horizontal:	01 - Good	2	22.5
Restrictions:	No	3	13.5
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	P3 - Poor
		Bearing Seat:	F2 - Fair
Comments:	Severe corrosion on all bearings, P3. - Narrow map cracking on pier columns, medium map cracking on the south center pier column, F1. - Remainder appears to be in good condition with very minor cracks, F2.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	F1 - Fair
Comments:	Minor cracking and efflorescence visible on deck soffit near both abutments, P3. - Remainder appears to be in good condition, F2.		
DECK			
Condition:	F2 - Fair	Curbs:	I - Inapplicable

Hand Rail:	F1 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	F1 - Fair		
Comments:	Narrow map cracking on concrete barriers and end blocks, F1. – Minor washout on southwest end of approach, F1.		
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:	2033	Replacement Year:	2067
Antic. Rehab. Cost:	\$100000	Replacement Cost:	\$0
Recommendations:			
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	P3 – Severe corrosion on all bearings, minor cracking with efflorescence on deck soffit at abutments. Remainder appears to be in good condition, F2.		

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.