

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01132020-10	
Date: 11/26/2019	Inspected By: Sharron J / Burge H	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-151 - CROMER AVENUE OVERPASS-WESTBOUND		
Route:		Overall Length:	49 m
Year Built:	1994	Est: No	Overall Width: 14.1 m
Year Last Rehab.:		Est: No	Roadway Width: 12.9 m
Region:	CENTRAL WEST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	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:	01 - Aluminum Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	18.3
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	P3 - Poor
		Bearing Seat:	F2 - Fair
Comments:	Bearing #3 and #4 heavy corrosion, rust flaking - both abutments.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor
Comments:	Minor cracking on chamfer under curbs. Expansion joints leaking near curbs and corroding bearing pads. Sand in front of abutments where joints were leaking. Potholes in expansion joint dams.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	F1 - Fair		
Comments:	Potholes in surface throughout; concentrated mostly in the passing lane. Guide rail low but in good condition. Minor cracking in end blocks and median.		
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:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Replace expansion joints, replace bearings (#3 & 4 both abutments). Clean out rock drain. Repair erosion and install higher guiderail		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Erosion near abutment 1 wing wall. Sand build up near curb at rock drain.		
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 2021.