

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B09172021-2	
Date: 3/13/2019	Inspected By: Chris Lyver	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-154 - HODGEWATER LINE OVERPASS - EASTBOUND		
Route:	1	Overall Length:	28.5 m
Year Built:	1996	Est: No	Overall Width: 13.4 m
Year Last Rehab.:		Est: No	Roadway Width: 11.4 m
Region:	AVALON PENINSULA	Sidewalk Width:	1 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	5.1 m
Type of Structure:	04 - Rigid Frame	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	12.5
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	- Assumed cond. of buried frame leg footings - Wide horiz. cracks along tops of slope paving between structures		
SUPERSTRUCTURE			
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable
Comments:	P3 - west end blocks F2 - remainder - Numerous hairline/narrow alligator cracks in faces of frame legs and in 4 wingwalls - Narrow horiz./vert. cracks in 4 wingwalls - Severe spalling/deterioration to ends of both west end blocks - Wide horiz./vert. cracks in remaining areas on west end blocks and east end blocks		
DECK			
Condition:	F2 - Fair	Curbs:	F1 - Fair

Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair
Approach Rail:	F2 - Fair		
Comments:	- Narrow longit. cracks in deck soffit - Med./wide horiz./vert. longit./transv. cracks in curb tops and fascias - Narrow/med. vert./horiz. cracks in deck fascias - Small potholes in asphalt along CL of structure - Bott. traffic rail struck and dented in at SW end of South alum. rail		
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:	- Route 1 resurfaced since 2011 inspection		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2025	Replacement Year:	2046
Antic. Rehab. Cost:	\$100	Replacement Cost:	\$750
Recommendations:	- Repair all conc. defects - Replace damaged alum. traffic rail		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	P3 - west end blocks F1 - curbs F2 - remainder Unchanged from 2011 inspection		
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.