

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B10072021-9	
Date: 10/3/2021	Inspected By: Trevor Upshall	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	TCH-183 - ALLANDALE ROAD OVERPASS		
Route:	1	Overall Length:	75 m
Year Built:	1997	Est: No	Overall Width: 12.2 m
Year Last Rehab.:		Est: No	Roadway Width: 9 m
Region:	AVALON PENINSULA	Sidewalk Width:	1.5 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	36.5
Alignment Vertical:	01 - Good	2	28.5
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	- Columns have very mild AAR visible throughout. - Bearing areas of columns assumed condition, F2. - Back walls of both abutments have mild cracks and rust staining. - Northwest bearing seat has mild narrow cracking. - Bearings all in fair condition.		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	F1 - Fair
Comments:	- Underside of deck has mild AAR throughout. - Expansion joints showing evidence of leakage and have areas of heavy rusting. - Chaulking cracked through curbs.		
DECK			
Condition:	P3 - Poor	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	P3 - Poor		
Comments:	- Facia's have mild AAR and cracking throughout. Northeast corner fascia has medium efflorescent leakage through construction joint. - Southwest corner of deck/fascia has a small area of exposed rebar with medium-heavy efflorescence a visibly dripping water, P3. Remainder of deck F2. - Approach/exit rails mainly in good condition and equipped with hazard markers. However, northwest guiderail damaged, P3. - End blocks have mild alligator cracking. - Asphalt worn through to deck on north approach in an area ~3mx4m.		
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:	2045
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$2500000
Recommendations: - Southwest no right turn sign is heavily damaged.			
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations: - P3, southwest side of fascia/deck. F2 remainder.			
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.		
PHOTO GUIDELINES:		Category Definitions:	
Inspection Photos:		Maint. - Maintenance.	
Please provide photos using guidelines below:		Eng. - Engineering.	
<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 		Office - Bridge Office.	
INSPECTION PHOTOS			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.