

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B07242018-8	
Date: 6/22/2018	Inspected By: Chris Lyver	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-348 - FOXTRAP ACCESS ROAD UNDERPASS		
Route:		Overall Length:	44.205 m
Year Built:	2001	Est: No	Overall Width: 15.8 m
Year Last Rehab.:		Est: No	Roadway Width: 11.8 m
Region:	AVALON PENINSULA	Sidewalk Width:	2 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	5 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	<u>Span No.:</u>	<u>Length</u>
Alignment Vertical:	01 - Good	1	13.94
Alignment Horizontal:	01 - Good	2	0
Restrictions:	No	3	0
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	G - Good	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	- Assumed condition of buried frame leg and strut footings. - Narrow trans./long. cracks in slope paving. - Gutters along edges of slope paving settling slightly at the tops.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	- Narrow vertical cracks with light efflor. deposits along the tops of 4 wingwalls. - Hairline alligator cracking in struts and wingwalls. - Narrow vertical cracks in faces of frame legs, cracks extend out into deck soffit.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair

Hand Rail:	G - Good	Roadway Condition:	F2 - Fair
Approach Rail:	F2 - Fair		
Comments:	- Roadway: F1 (approaches and approach slabs), F2 (remainder). - Still no vertical clearance sign along south approach on CBS Bypass Rd. - Extensive hairline/ narrow alligator cracking in deck soffit and fascia (A.A.R.)? - Narrow/ medium long. cracks running down center of deck soffit. - Numerous wide trans./ vert. cracks in sidewalks surfaces and fascia. - Minor damage to NE approach guiderail extending down NE on ramp. - No hazard marker at SE end of structure (post still in place). - Medium cracking with patched potholes in asphalt along approaches to structure. - Large area of asphalt spalling on west approach slab. Medium area of spalling on east app. slab. - Wide trans. cracks in asphalt along app. slab edges.		

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:	2033	Replacement Year:	2076
Antic. Rehab. Cost:	\$100	Replacement Cost:	\$900
Recommendations:	- Resurface approaches and approach slabs. - Repair damaged guiderail at NE approach (maint). - Install overhead clearance sign along south app. on CBS Bypass Rd. or install clearance signs on structure (maint). - Install hazard marker at SE end of structure (maint).		

OBSERVATIONS

Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:	- F1 (approaches and approach slabs). - F2 (remainder). - Unchanged from 2011 inspection.		

LEGEND:

Condition Definitions:			Problem Definitions:	Category Definitions:
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.	Maint. - Maintenance.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.	Eng. - Engineering.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.	Office - Bridge Office.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.	
G - Good.	P - Poor.			

PHOTO GUIDELINES:

Inspection Photos:

Please provide photos using guidelines below:

- 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