

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B07242018-2	
Date: 5/8/2018	Inspected By: Chris Lyver	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-378 - SCOTT'S ROAD (SOUTH) UNDERPASS		
Route:	2	Overall Length:	0 m
Year Built:	2013	Est: No	Overall Width: 0 m
Year Last Rehab.:		Est: No	Roadway Width: 0 m
Region:	AVALON PENINSULA	Sidewalk Width:	1.95 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	0 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	0 m
Purpose of Structure:	01 - Highway Grade Separation		Spans:
Type of Handrail:	04 - Steel Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	0
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	G - Good	Bearings:	F2 - Fair
		Bearing Seat:	G - Good
Comments:	- Assumed condition of buried reinforced concrete abutment and pier footings. - Narrow vert. cracks in faces of abutments and pier cap and ballast walls. - Light bulging in some bearing pads. assumed condition of pier bearings/ seats. - Light spall at top of center column on center pier. - Medium trans. cracks in south slope paving.		
SUPERSTRUCTURE			
Condition:	G - Good	Expansion Joints:	U - Uninspectable
Comments:	- CPC1 1900 girders and diaphragms remain in good condition. - No mechanical expansion joints, semi-integral abutments. - Rebar exposed in south center creep block.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair
Approach Rail:	G - Good		
Comments:	- Narrow trans. cracks in deck soffit. - Medium trans./ vert. cracks in sidewalks surfaces and fascia. - Narrow vert. cracks with light efflor. deposits in deck/ sidewalk exterior fascia.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	NA - Not Applicable
	0 m		NA - Not Applicable

Water Depth:		Scour Problem:	
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2050	Replacement Year:	2088
Antic. Rehab. Cost:	\$100	Replacement Cost:	\$3250
Recommendations:			
OBSERVATIONS			
Overall Condition:	G - Good	Requires Further Inspection:	No
Additional Observations: - Unchanged from 2015 inspection except pigeons nesting on pier cap and abutment bearing seats.			
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 F3, F1, P1, or C ● Any evidence of known ice, scour, debris, waterway problems 			
INSPECTION PHOTOS			

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