

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B09142021-15	
Date: 9/14/2021	Inspected By: Paul Lawrence	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-191 - HINDY'S BROOK BRIDGE, WINTERTON		
Route:		Overall Length:	7.3 m
Year Built:	1960	Est: No	Overall Width: 7.9 m
Year Last Rehab.:		Est: No	Roadway Width: 7.2 m
Region:	AVALON PENINSULA	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	2 m
Type of Structure:	04 - Rigid Frame	Max Depth of N.W.L.:	0.3 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	02 - Concrete Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	6
Alignment Vertical:	02 - Adequate	2	0
Alignment Horizontal:	02 - Adequate	3	0
Restrictions:	No	<u>Span No.:</u>	<u>Length</u>
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	F1 - Fair
		Bearing Seat:	F1 - Fair
Comments:	- Abutments poured on bedrock - Bearing cond. assumed - Cracking medium all through abutments with efflor. deposits coming through, also on wingwalls		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable
Comments:			
DECK			
Condition:	P - Poor	Curbs:	I - Inapplicable
Hand Rail:	P - Poor	Roadway Condition:	I - Inapplicable

Approach Rail:	I - Inapplicable		
Comments:	- Severe concrete spalling and deterioration on concrete deck edges falling apart with rebar exposed and corroded - Concrete rails cracked and broken - Rebar exposed, asphalt surface rotted with many potholes		
HYDROLOGY			
Water Velocity:	0.3 m/s	Ice Problem:	P - Possible Problem
Water Depth:	0.2 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	- Some hyd. rip-rap slipped into channel		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2021	Replacement Year:	2021
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:			
OBSERVATIONS			
Overall Condition:	P1 - Poor	Requires Further Inspection:	No
Additional Observations:			
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			