

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06302021-7	
Date: 1/29/2020	Inspected By: Hunt R	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-011 - LAMANCHE RIVER BRIDGE, CAPE BROYLE		
Route:		Overall Length:	34.2 m
Year Built:	1965	Est: Yes	Overall Width: 9.1 m
Year Last Rehab.:	1980	Est: Yes	Roadway Width: 6.2 m
Region:	AVALON PENINSULA		Sidewalk Width: 0 m
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.: 0 m
Type of Structure:	02 - Double Tee		Max Depth of N.W.L.: 0 m
Purpose of Structure:	04 - Over Non-Navigable Waters		Spans:
Type of Handrail:	01 - Aluminum Rail		<u>Span No.:</u> <u>Length</u> <u>Span No.:</u> <u>Length</u>
Roadway Surface:	02 - Asphalt	1	15.4 4 0
Alignment Vertical:	01 - Good	2	0 5 0
Alignment Horizontal:	01 - Good	3	0 6 0
Restrictions:	No		
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	G - Good	Bearings:	G - Good
		Bearing Seat:	G - Good
Comments:	Some narrow vertical cracks on faces of abutments and ballast walls		
SUPERSTRUCTURE			
Condition:	G - Good	Expansion Joints:	G - Good
Comments:	CPCI 1900 girders. Semi-integral abutment with WABO Inverseal Expansion		
DECK			
Condition:	G - Good	Curbs:	I - Inapplicable
Hand Rail:	G - Good	Roadway Condition:	I - Inapplicable

Approach Rail:	G - Good		
Comments:	North west hazard marker missing. Some narrow vertical cracks in barrier walls.		
HYDROLOGY			
Water Velocity:	0.3 m/s	Ice Problem:	P - Possible Problem
Water Depth:	0.6 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2054	Replacement Year:	2092
Antic. Rehab. Cost:	\$100000	Replacement Cost:	\$5000000
Recommendations:	replace missing hazard marker (Maintenance)		
OBSERVATIONS			
Overall Condition:	G - Good	Requires Further Inspection:	No
Additional Observations:	Same as previous inspection in 2018		
LEGEND:			
Condition Definitions:			
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	Problem Definitions:
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	N - No Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	P - Possible Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		K - Known Problem.
G - Good.	P - Poor.		NA - Not Applicable.
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			