



GOVERNMENT OF
NEWFOUNDLAND
AND LABRADOR
Department of Transportation and Infrastructure

BRIDGE INSPECTION REPORT
B01112021-3

Date: 5/4/2020

Inspected By: Terrance Coates

Category: Eng. - Engineering

BRIDGE INFORMATION

Site:	4-187 - HARRY'S RIVER BRIDGE (GALLANTS)		
Route:		Overall Length:	36.9 m
Year Built:	1994	Est: No	Overall Width: 9.4 m
Year Last Rehab.:		Est: No	Roadway Width: 7.5 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.: 1.4 m
Type of Structure:	01 - AASH to Girder		Max Depth of N.W.L.: 0.7 m
Purpose of Structure:	03 - Over 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:	01 - Concrete		1 24.2 4 0
Alignment Vertical:	02 - Adequate		2 0 5 0
Alignment Horizontal:	02 - Adequate		3 0 6 0
Restrictions:	No		

BRIDGE PHOTOS



SUBSTRUCTURE

Condition:	G - Good	Bearings:	G - Good
		Bearing Seat:	G - Good

Comments:

SUPERSTRUCTURE			
Condition:	G - Good	Expansion Joints:	G - Good
Comments:			
DECK			
Condition:	G - Good	Curbs:	G - Good
Hand Rail:	G - Good	Roadway Condition:	G - Good
Approach Rail:	G - Good		
Comments:	Cracking in asphalt at edge of approach slab and potholes in approach slab asphalt near expansion joints. South end downstream corner approach rail tipped out/damaged. Approach rail is not structural.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	K - Known Problem
Water Depth:	0 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2021	Replacement Year:	2021
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Remove winter sand build-up along curbs. Install structural rail. Install bridge signage.		
OBSERVATIONS			
Overall Condition:	G - Good	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			