



GOVERNMENT OF
NEWFOUNDLAND
AND LABRADOR
Department of Transportation and Works

BRIDGE INSPECTION REPORT
B11052015-14

Printed: Tuesday, October 2, 2018

Date: 10/26/2015 **Inspected By:** Murray Smith **Category:** Eng. - Engineering

BRIDGE INFORMATION

Site:	5-066 - ALEXIS RIVER BRIDGE			Overall Length:	170 m
Route:	510			Overall Width:	10 m
Year Built:	2001	Est: No		Roadway Width:	7.35 m
Year Last Rehab.:		Est: No		Sidewalk Width:	0 m
Region:	LABRADOR			Clearance to R.D. or N.W.L.:	7 m
Jurisdiction:	Provincial			Max Depth of N.W.L.:	10 m
Type of Structure:	08 - Steel Bridge			Spans:	
Purpose of Structure:	04 - Over Non-Navigable Waters			<u>Span No.:</u>	<u>Length</u>
Type of Handrail:	04 - Steel Rail			<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	04 - Steel			1	110
Alignment Vertical:	01 - Good			2	0
Alignment Horizontal:	02 - Adequate			3	0
Restrictions:	No			4	0

BRIDGE PHOTOS



SUBSTRUCTURE

Condition:	F1 - Fair (Inspection within 1 Year)	Bearings:	F1 - Fair (Inspection within 1 Year)
		Bearing Seat:	F1 - Fair (Inspection within 1 Year)
Comments:	Some erosion on rip rap west end upstream.		

SUPERSTRUCTURE

Condition:	F2 - Fair (Inspection within 2 Years)	Expansion Joints:	F2 - Fair (Inspection within 2 Years)
Comments:	Expansions are leaking. To much gravel present to inspect seals.		

DECK

Condition:	F2 - Fair (Inspection within 2 Years)	Curbs:	F2 - Fair (Inspection within 2 Years)
Hand Rail:	F2 - Fair (Inspection within 2 Years)	Roadway Condition:	F2 - Fair (Inspection within 2 Years)

Approach Rail:	F2 - Fair (Inspection within 2 Years)		
Comments:	Minor crack in the east end of deck. Small piece of concrete broken from west end upstream end block.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	NA - Not Applicable
Water Depth:	0 m	Scour Problem:	NA - Not Applicable
Waterway:	01 - Adequate	Debris Problem:	NA - Not Applicable
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2015	Replacement Year:	2015
Antic. Rehab. Cost:	\$0.00	Replacement Cost:	\$0.00
Recommendations:			
OBSERVATIONS			
Overall Condition:	F2 - Fair (Inspection within 2 Years)	Requires Further Inspection:	No
Additional Observations:	Clean gravel from deck.		
LEGEND:			
Condition Definitions:			
1 - *Good - [discontinued code].	F2 - Fair (Inspection within 2 Years).	C - Unsafe (Closed to Public).	Problem Definitions:
2 - *Fair - [discontinued code].	F1 - Fair (Inspection within 1 Year).	U - Uninspectable.	N - No Problem.
3 - *Poor - [discontinued code].	P3 - Poor (Repair within 3 Years).	I - Inapplicable.	P - Possible Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor (Repair within 1 Year).		K - Known Problem.
G - Good (Inspection within 2 Years).	P - Poor (Immediate Repair).		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 			

Department of Transportation and Works, Government of Newfoundland and Labrador 2018.