

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Works	BRIDGE INSPECTION REPORT B07302018-5 Printed: Wednesday, October 3, 2018	
Date: 7/23/2018	Inspected By: Parsons R	Category: Maint. - Maintenance	
BRIDGE INFORMATION			
Site:	1-305 - WESTERN BAY BROOK BRIDGE NO.2		
Route:		Overall Length:	11.7 m
Year Built:	1970	Est: No	Overall Width: 10.8 m
Year Last Rehab.:		Est: No	Roadway Width: 6.7 m
Region:	AVALON PENINSULA	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	2.7 m
Type of Structure:	02 - Double Tee	Max Depth of N.W.L.:	0.5 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	04 - Steel Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	Span No.: 1	<u>Length</u> 6.4
Alignment Vertical:	02 - Adequate	Span No.: 2	<u>Length</u> 0
Alignment Horizontal:	02 - Adequate	Span No.: 3	<u>Length</u> 0
Restrictions:	No		
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair (Inspection within 2 Years)	Bearings:	F2 - Fair (Inspection within 2 Years)
		Bearing Seat:	F2 - Fair (Inspection within 2 Years)
Comments:	- Footings scoured and deteriorated with some undermining. - Some cracks in bearing seats.		
SUPERSTRUCTURE			
Condition:	F2 - Fair (Inspection within 2 Years)	Expansion Joints:	U - Uninspectable
Comments:	- Expansion joints paved over. - Cracks on inlet side both abutments have steel exposed. - Second beam significantly deteriorated with exposed steel.		
DECK			
Condition:	F2 - Fair (Inspection within 2 Years)	Curbs:	F1 - Fair (Inspection within 1 Year)
Hand Rail:	C - Unsafe (Closed to Public)	Roadway Condition:	F1 - Fair (Inspection within 1 Year)

Approach Rail:	G - Good (Inspection within 2 Years)		
Comments:	- Rail nd rail footing in poor condition.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0.5 m	Scour Problem:	K - Known Problem
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2018	Replacement Year:	2018
Antic. Rehab. Cost:	\$0.00	Replacement Cost:	\$0.00
Recommendations:			
OBSERVATIONS			
Overall Condition:	F2 - Fair (Inspection within 2 Years)	Requires Further Inspection:	Yes
Additional Observations:	- Rail and rail footing in poor condition check underside beam.		
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 			
INSPECTION PHOTOS			

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