

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B02152023-4	
Date: 5/17/2022	Inspected By: Mike Fleming	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	4-208 - WEST BROOK BRIDGE		
Route:		Overall Length:	33.2 m
Year Built:	1998	Est: No	Overall Width: 10.1 m
Year Last Rehab.:		Est: No	Roadway Width: 8.6 m
Region:	WEST COAST/NORTHERN		Sidewalk Width: 0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	4.9 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	0 m
Purpose of Structure:	03 - Over Navigable Waters		Spans:
Type of Handrail:	01 - Aluminum Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	19.7
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	G - Good	Bearings:	G - Good
		Bearing Seat:	G - Good
Comments:			
SUPERSTRUCTURE			
Condition:	G - Good	Expansion Joints:	P3 - Poor
Comments:	Expansion joints damaged and leaking onto below abutments. Surface corrosion noted on the girders.		
DECK			
Condition:	G - Good	Curbs:	F2 - Fair
Hand Rail:	G - Good	Roadway Condition:	F1 - Fair
Approach Rail:	F1 - Fair		
Comments:	Transverse cracking noted at the section of the approach slab/road transition. Light settlement also noted on the approach slabs. Light/minor damage noted on the approach rails.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem

Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2023	Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Replace/repair expansion joints; sand blast and treat girders to prevent further corrosion.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Pics on file		
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			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.