
	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B09162021-11	
Date: 9/2/2021	Inspected By: Mike Button	Category: Office - Bridge Office	
BRIDGE INFORMATION			
Site:	3-177 - OLD ASPEN BROOK BRIDGE		
Route:	1	Overall Length:	0 m
Year Built:	1950	Overall Width:	0 m
Year Last Rehab.:		Roadway Width:	0 m
Region:	CENTRAL WEST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	0 m
Type of Structure:	03 - Reinforced Concrete Beam/Slab	Max Depth of N.W.L.:	0 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	02 - Concrete Rail	Span No.:	Length
Roadway Surface:	01 - Concrete	1	0
Alignment Vertical:	02 - Adequate	2	0
Alignment Horizontal:	02 - Adequate	3	0
Restrictions:	No	6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	P - Poor	Bearings:	I - Inapplicable
		Bearing Seat:	P - Poor
Comments:	- Wingwalls have heavy cracking with efflorescence. - Both abutment faces in fair condition, all abutment exterior corners/bearing areas have severe spalling and disintegration with heavy efflorescence, P. Concrete integrity on the corners of abutments compromised. Both abutments built on bedrock. - Construction joint along bearing area heavily leaking in certain locations.		
SUPERSTRUCTURE			
Condition:	P - Poor	Expansion Joints:	I - Inapplicable
Comments:	- Upstream and interior two girders in fair condition, F1. Downstream girder near total disintegration, exposed stirrups throughout, P. Underside of deck leaking around exterior girders, but in fair condition, F1.		
DECK			

Condition:	F1 - Fair	Curbs:	P - Poor
Hand Rail:	P - Poor	Roadway Condition:	P - Poor
Approach Rail:	I - Inapplicable		
Comments:	- Structure handrails and curbs collapsed or heavily compromised, P. - No approach/exit rails. - Approach/exits totally grown in with vegetation on the structure. - Deck concrete in fair condition.		

HYDROLOGY

Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem
Water Depth:	0.5 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	- No comment.		

REPLACEMENT/REHABILITATION

Next Rehab. Date:	2022	Replacement Year:	
Antic. Rehab. Cost:	\$100000	Replacement Cost:	\$0
Recommendations:	- Money to barricade and remove structure.		

OBSERVATIONS

Overall Condition:	P - Poor	Requires Further Inspection:	No
Additional Observations:	- Bridge in poor (P) condition overall. No handrails, heavily deteriorated exterior bearing areas and a disintegrated girder. Recommend closing the structure.		

LEGEND:

Condition Definitions:			Problem Definitions:	Category Definitions:
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.	Maint. - Maintenance.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.	Eng. - Engineering.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.	Office - Bridge Office.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.	
G - Good.	P - Poor.			

PHOTO GUIDELINES:

Inspection Photos:

Please provide photos using guidelines below:

- Any item which inspector sees 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