

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B10102023-9	
Date: 10/5/2023	Inspected By: Darrell Avery	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-203 - MONROE BRIDGE (OLD)		
Route:	232	Overall Length:	10 m
Year Built:	1945	Est: Yes	Overall Width: 5.3 m
Year Last Rehab.:		Est: No	Roadway Width: 0 m
Region:	CENTRAL EAST		Sidewalk Width: 0 m
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.: 2 m
Type of Structure:	05 - Pre-stressed Concrete Slab		Max Depth of N.W.L.: 1 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	02 - Concrete Rail	Span No.:	Length
Roadway Surface:	01 - Concrete	Span No.:	Length
Alignment Vertical:	03 - Poor	1	6
Alignment Horizontal:	03 - Poor	2	0
Restrictions:	Yes	3	0
Describe Restrictions:	Old structure - Not in use.		
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	C - Unsafe (Closed to Public)	Bearings:	C - Unsafe (Closed to Public)
		Bearing Seat:	C - Unsafe (Closed to Public)
Comments:	Concrete abutments and wing walls. Severe disintegration of all.		
SUPERSTRUCTURE			
Condition:	C - Unsafe (Closed to Public)	Expansion Joints:	C - Unsafe (Closed to Public)
Comments:	Three 350mm x 700mm concrete beams. Severe disintegration and delamination of exterior beams. Centre beam has severe cracking with efflorescence. Soffit has cracking with efflorescence, severe disintegration of exterior soffit.		
DECK			
Condition:	C - Unsafe (Closed to Public)	Curbs:	C - Unsafe (Closed to Public)

Hand Rail:	C - Unsafe (Closed to Public)	Roadway Condition:	C - Unsafe (Closed to Public)
Approach Rail:	C - Unsafe (Closed to Public)		
Comments:	Bridge rail missing. Severe scaling and delamination of deck with severe disintegration and exposed rebar along the edges.		
HYDROLOGY			
Water Velocity:	1 m/s	Ice Problem:	N - No Problem
Water Depth:	.5 m	Scour Problem:	K - Known Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Scour under abutment one and two.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Remove structure.		
OBSERVATIONS			
Overall Condition:	C - Unsafe (Closed to Public)	Requires Further Inspection:	No
Additional Observations:	Structure is accessible and is used by ATV's.		

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