

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B09012023-6	
Date: 8/21/2023	Inspected By: Darrell Avery	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-130 - MONROE BRIDGE		
Route:	232	Overall Length:	27 m
Year Built:	1968	Est: No	Overall Width: 7.6 m
Year Last Rehab.:		Est: No	Roadway Width: 7 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	6 m
Type of Structure:	11 - Timber Bridge	Max Depth of N.W.L.:	1 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	06 - None	Span No.:	Length
Roadway Surface:	03 - Timber	1	6
Alignment Vertical:	02 - Adequate	2	0
Alignment Horizontal:	03 - Poor	3	0
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	F1 - Fair
Comments:	Creosote timber cribs forming abutments and wing walls. Abut. #1 right side repaired with PT timber previously. 2022 rehab project involved; abut. #2 right side - replacing approx. 12m long x 1m high section of 6x6 PT timbers & abut. #1 & #2 left timbers replaced - similar. New rip-rap at abut. #2 left spill slope. Both abutment face timbers in fair condition, F1. Beams extend back through the face and bearing timbers appear in fair condition, F1.		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Previous inspection - Bottom of deck timbers and 12x12 timber beams appear in to be in fair condition, F1.		
DECK			

Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair
Approach Rail:	G - Good		
Comments:	2022 rehab project included the following; new chesses including extended members for bracing. new double flex beam bridge rails including intermediate support posts, new timber curbs, new section of timber raceway, new approach asphalt & new approach guiderail.		
HYDROLOGY			
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem
Water Depth:	0.3 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$	Replacement Cost:	\$1200000
Recommendations:	Previous inspection - Recommend a replacement from creosote environmental concerns. Structure has heavy creosote leakage and can been seen on river rock below		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:			

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