

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B09012023-2	
Date: 8/21/2023	Inspected By: Darrell Avery	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-207 - MORLEY'S SIDING TIMBER BRIDGE		
Route:	230-10-1	Overall Length:	12 m
Year Built:	1970	Est: Yes	Overall Width: 7 m
Year Last Rehab.:		Est: No	Roadway Width: 5.7 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.2 m
Type of Structure:	11 - Timber Bridge	Max Depth of N.W.L.:	0.5 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	03 - Timber Rail	Span No.:	Length
Roadway Surface:	03 - Timber	1	7.5
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	F2 - Fair
Comments:	Previous inspection - Closed face creosote timber abutments and wing walls. Some light cracking and decay. Wing wall abutment one right side leaning. Minor scouring on left side of abutment 1. New inspection - Abut. #2 wingwall - loose rail posts brackets.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Previous inspection - 7 - 300mm x 450mm creosote timber beams. Some light longitudinal cracking.		
DECK			
Condition:	F2 - Fair	Curbs:	P1 - Poor

Hand Rail:	F2 - Fair	Roadway Condition:	P1 - Poor
Approach Rail:	P - Poor		
Comments:	Previous inspection - 75mm x 150mm creosote timber chesses. One chess broken near abutment two. 50mm timber wearing surface. 150mm x 150mm timber curb. One section of bridge rail and curb on right side broken and detached from bridge. Wood bridge rail. Object markers missing on abutment two. New inspection - right side broken (at deck edge) chesses are extended and form part of bridge rail bracing. Approach guiderail missing bolts.		
HYDROLOGY			
Water Velocity:	1 m/s	Ice Problem:	N - No Problem
Water Depth:	1 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Overtopped during Hurricane Igor.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Repair broken curb and rail including extended chesses. Repair right side wingwalls.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:			

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