

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B07232024-1
Date: 7/22/2024	Inspected By: D. Burns/J. Rowe/B. Grandy	Category: Eng. - Engineering
BRIDGE INFORMATION		
Site:	2-117 - JEAN DE BAIE BRIDGE NO.2 - R210-23-3	
SUBSTRUCTURE		
Condition:	P - Poor	Bearings: I - Inapplicable
		Bearing Seat: I - Inapplicable
Comments:	Cribbing of abutment 1 is in poor condition due to rotted boards throughout. Some beams have fallen into the ocean bed and washed away with the tide. Abutment 2 cribbing is in better condition, although some beams are visibly rotten and look ready to wash away. Timber beams of wingwalls are in poor condition as well. Pieces of plywood on wingwalls implemented to stop erosion are also rotting.	
SUPERSTRUCTURE		
Condition:	F1 - Fair	Expansion Joints: I - Inapplicable
Comments:	Timber beams look to be in fair condition with no visible defects.	
DECK		
Condition:	P3 - Poor	Curbs: P3 - Poor
Hand Rail:	P3 - Poor	Roadway Condition: P1 - Poor
Approach Rail:	I - Inapplicable	
Comments:	Minor sand and salt build up on approaches and deck. Hazard markers are either damaged or missing. Curbs have deterioration and rot. Hand rails show cracking in some areas with visible aging effects of the lumber. Approaches have large potholes just before entering the raceway; this is likely due to the material washing away from the abutment cribbing, and then filling back in with the approach asphalt. Raceway is in P3 condition due to blemishes of the lumber, likely from the snow plow. Vegetation growing through both sides of the deck.	
HYDROLOGY		
Water Velocity:	Tidal m/s	Ice Problem: N - No Problem
Water Depth:	Tidal m	Scour Problem: N - No Problem
Waterway:	01 - Adequate	Debris Problem: K - Known Problem
Comments:	Tidal area with old wheel and timbers littering the waterway.	
REPLACEMENT/REHABILITATION		
Next Rehab. Date:		Replacement Year: T.B.D.
Antic. Rehab. Cost:	\$0	Replacement Cost: \$1,500,000
Recommendations:	Replace structure with culvert, similarly to recent jobs within the area.	
OBSERVATIONS		
Overall Condition:	P - Poor	Requires Further Inspection: No
Additional Observations:	Overall poor condition due to condition of all substructure causing issues to the roadway and the structural integrity of the structure.	