

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04102026-2	
Date: 4/7/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-263 - FERRY TERMINAL BRIDGE - R			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	NE wingwall has rotated towards the river but still appears stable. There is visible separation at the vertical wingwall/abutment joint. SE wingwall contains narrow pattern cracking with light efflorescence and visible cold joint. Both abutments have narrow vertical cracking and isolated efflorescent deposits at the exterior corners, F1. Top right corner of NE abutment has very wide vertical cracks. At the joint between structures, abutment walls have light spalls and suspected delamination's due to leakage through the deck soffit. Visible failing concrete patches from previous rehabilitation around the joint. Unable to inspect for erosion due to high water levels. NW/SW downstream corner of footings have narrow pattern cracking with light efflorescence.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable		
Comments:	Soffit in good condition with hairline longitudinal/transverse cracks, F2. Deck soffit at the joint between structures visibly leaking and causing damage to surrounding bridge elements. Unable to sound concrete due to height restriction however suspect delamination's in and around the joint, P3.				
DECK					
Condition:	P3 - Poor	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	P3 - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Settlement of roadway on SW corner of structure due to undermining of wingwall below. Asphalt has numerous medium transverse alligator cracks. End blocks have narrow pattern cracks throughout. Approach/exit rail is standard guiderail attached to end block shoe attachment. Curb tops covered with gravel. Assumed to be in fair condition using the vertical curb faces as reference, F1. Missing hazard markers at the NE and SE corners.				
HYDROLOGY					
Water Velocity:	m/s	Ice Problem:	N - No Problem		
Water Depth:	m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Waterfalls located upstream & downstream. Erosion to concrete footing & abutment joint on the upstream side. Risk for light to moderate erosion along the structure footings due to fast moving water.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:	\$		
Recommendations:	Install guiderail structures with hazard markers. Concrete deck repairs at structure joints + waterproof/pave. Concrete repairs on deck soffit surrounding joints in structure. Footing to abutment/wingwall construction joint				

undermining repairs. Repair northeast wingwall tilting. Remove road gravels along curbs. - Riprap work on upstream side.

OBSERVATIONS

Overall Condition:	F1 - Fair	Requires Further Inspection:	No
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Additional Observations:

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2026.