

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01312025-3	
Date: 1/24/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-128 - CHANCE COVE RIVER BRIDGE - R10			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	Upstream bearing areas have deterioration to the creep block joints. Attempts have been made to seal it in the past with caulking, but water is still deteriorating the joint, P3. Bearings appear to be in fair condition but cannot be inspected due to height restriction. Leakage only seen on upstream exterior. All wingwalls have medium to wide pattern cracking with light efflorescence. Both abutments have hairline pattern cracking and light erosion/scour to the footing/abutment construction joint.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	U - Uninspectable		
Comments:	All double tee beams have light spalling with light corrosion to exposed reinforcement due to insufficient cover, F1. Efflorescence leaking between double tee pre-cast panel sections indicative of cracking in the deck above, P3. Rebar mat is visible at mid-span in soffit of double tee precast beam, P3. Expansion joints not visible during inspection.				
DECK					
Condition:	G - Good	Curbs:	F2 - Fair		
Hand Rail:	G - Good	Roadway Condition:	G - Good		
Approach Rail:	G - Good				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. New end blocks, deck drains, steel handrail, approach/exit rail, asphalt, and curbs from 2021 rehab. New curbs have hairline vertical/transverse cracks with light efflorescence.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2035		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Structure recently rehabbed in 2021.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	P3 Leaking between joints of pre-cast double tee beams and exterior upstream bearing. Monitor deterioration to double tee beams.				