

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02052025-9	
Date: 1/30/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-264 - DOUBLE BROOK BRIDGE (VICTORIA) - R70			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	P3 - Poor		
Comments:	- Bearing seat leaching rust and efflorescent material likely caused from leakage above, P3. All edges remain intact. - Both abutments have considerable efflorescent leachate covering its face. Efflorescence leaching from the bearing seat area. Abutment concrete generally in fair condition, F1. - Upstream timber soil retaining structure has failed and fallen into the river below since last inspection.				
SUPERSTRUCTURE					
Condition:	P - Poor	Expansion Joints:	P - Poor		
Comments:	- Exterior double tees disintegrated with failed pre-stress strands, P. - Interior double tees have wide longitudinal cracks leaching efflorescent materials. Suspect these cracks to be caused by corroding stressing cables, P3 to P1. - All joints between double tee precast sections leaching rust and efflorescent material. Cast in place deck above double tees assumed to be in poor condition. - Expansion gaps leaching water/rust/efflorescence onto bearing seat, P. Gaps no longer functioning as intended.				
DECK					
Condition:	P - Poor	Curbs:	U - Uninspectable		
Hand Rail:	P1 - Poor	Roadway Condition:	F1 - Fair		
Approach Rail:	I - Inapplicable				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. - Nested guiderail in place of structure railing. Temporary system in fair condition. Railing on the downstream has wide cracks throughout with isolated spalls, P1. - Asphalt longitudinal joint open/opening to base course. Otherwise in fair to good condition. - No end blocks, approach rails or hazard markers. - Curbs covered in snow and not inspectable.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- No comments				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2025		
Antic. Rehab. Cost:	\$N/A	Replacement Cost:	\$1,500,000		
Recommendations:	- Replace structure.				
OBSERVATIONS					
Overall Condition:	P - Poor	Requires Further Inspection:	No		
Additional Observations:	- Replace structure.				