

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B11132024-5	
Date: 11/13/2024		Inspected By: Lars/Sarah		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		1-024 - PIERRE'S BROOK BRIDGE, WITLESS BAY - R10			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Medium efflorescence on wing walls. Large spall n SW corner of abutment exposing reinforcement. Medium horizontal and vertical cracking on both abutments. Efflorescence observed under each double T girder indicating water penetrating from above. Minor erosion on abutments.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable		
Comments:	Expansion joints paved over. Exposed skin reinforcement visible at the majority of the double T top flanges - very low cover. Bottom reinforcement exposed on a section of 1 double tee in the base of the web. Severe corrosion and exposed reinforcement observed on NE double T flange from a leaking drain, drain missing pipe.				
DECK					
Condition:	U - Uninspectable	Curbs:	F1 - Fair		
Hand Rail:	P1 - Poor	Roadway Condition:	F2 - Fair		
Approach Rail:	P3 - Poor				
Comments:	Deck not visible from top or below (paved over and girders below). Evidence of water leaking through deck. Concrete deterioration to hand rail with sections broken, only rebar keeping the concrete handrail in place.				
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:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:					
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	Missing all 4 hazard markers. Monitor corrosion and concrete deterioration around drain. Hand rail not structurally sound.				