

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01072025-1	
Date: 1/7/2025		Inspected By: M Button/S Walsh		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		1-289 - PICCO'S BROOK BRIDGE - R20-17			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Southeast wingwall has local areas of delamination and moderate map cracking with severe efflorescence - P3. The area also has very severe disintegration from the road runoff. Southwest wingwall has severe delamination, spalling, and map cracks with efflorescence, P3. - Northeast wingwall has some light to moderate disintegration. Southeast corner of the abutment is severely spalled with exposed reinforcement – P3. The corner with the abutment has been rehabbed/patched and has delaminated, F1. Northwest wingwall has several wide cracks extending to the abutment face, rehabbed/patched section at the top of the NW abutment corner and has delaminated, P3. West rigid frame leg horizontal construction joint, 1m above the waterline, has localized severe disintegration with efflorescent leachate. Several moderate width to wide cracks are also propagating from the rehabbed/patched area. - East rigid frame leg and moderate scour along its joint with bedrock, F1. - See superstructure for original arch.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable		
Comments:	North fascia of the arch under the structure has moderate map cracking, and spalling exposed reinforcement, with minor efflorescence - P3. North fascia of the rigid frame in fair condition. - South fascia or headwall of arch covered under the south wingwalls. - Deck soffit joint between structures has isolated locations of efflorescence, F1. - The arch has narrow to moderate width map cracking with severe efflorescent leachate throughout, P3. - Rigid frame soffit in fair condition, F1. Deck soffit at west frame leg has narrow map cracking with minor efflorescence leakage – P3.				
DECK					
Condition:	P3 - Poor	Curbs:	P3 - Poor		
Hand Rail:	P3 - Poor	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Asphalt in fair condition, F1. - Southwest corner of the structure rail is detached from its post, otherwise in good condition, F1. - Curbs have excessive sand buildup. - Guiderail in and bridge rail have several minor dents throughout, no hazard markers. Missing top rail on the north side. Pot hole at southeast end of wearing surface with a build up of water.				
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:	Slope erosion at southeast corner.				
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:	Structure has an original arch to the south or upstream and a rigid frame extension to the north or downstream. - P3 arch and upstream wingwalls. F1 downstream rigid frame. - Safety - Steep slopes and deep water with slippery rocks.		

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