

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B05272022-10	
Date: 4/18/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-160 - PICCO'S BROOK BRIDGE - R20			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Assumed condition of reinforced concrete abutment footings. Light erosion along bottom of abutment faces. Narrow vertical cracks in abutment faces. Medium horizontal/vertical cracks with medium efflorescence in faces of wingwalls.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Narrow-medium map cracks with light abrasion to all four end blocks. Very severe shear abrasion with exposed rebar to NE end block.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Narrow longitudinal cracks in deck soffit. Wide horizontal cracks near expansion joint facia. Narrow map cracks with vertical/horizontal cracks in deck curb facia and curb over wingwalls. Medium dents/abrasion to upstream aluminum handrail. Medium abrasion and wide vertical cracks to sidewalk surface and interior curb facia. Buried ends damaged at NE,SE,SW corners. No hazard markers. Medium transverse cracking in asphalt along approach slab edges. Medium potholes on deck with some areas patched. Sidewalks/curbs covered in sand/debris.				
HYDROLOGY					
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.7 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2024	Replacement Year:	2040		
Antic. Rehab. Cost:	\$60,000.00	Replacement Cost:	\$800,000.00		
Recommendations:	Install hazard markers, install new buried ends at approaches, clean sand from curbs, repair asphalt deck, repair NE end block, repair aluminum handrails.				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					