

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03092022-2	
Date: 2/21/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-121 - COLLIERS RIVER BRIDGE - R			
SUBSTRUCTURE					
Condition:		F2 - Fair		Bearings: F2 - Fair	
				Bearing Seat: F2 - Fair	
Comments:		Abutment faces contain medium wide cracks extending onto bearing seat.			
SUPERSTRUCTURE					
Condition:		F1 - Fair		Expansion Joints: F1 - Fair	
Comments:		Medium wide longitudinal cracks on exterior girders. Sever delamination and cracking on upstream wing wall with medium efflorescence. Minor corrosion, spalling, and delamination in some diaphragms and exit girders.			
DECK					
Condition:		F1 - Fair		Curbs: F1 - Fair	
Hand Rail:		G - Good		Roadway Condition: F1 - Fair	
Approach Rail:		G - Good			
Comments:		Severe spalling and delamination to soffit and fascia. Light efflorescence on exterior soffit. Medium delamination and spalling with narrow cracks in deck. Light corrosion to exposed rebar in soffit.			
HYDROLOGY					
Water Velocity:		0.5 m/s		Ice Problem: N - No Problem	
Water Depth:		0.5 m		Scour Problem: N - No Problem	
Waterway:		01 - Adequate		Debris Problem: N - No Problem	
Comments:		Moderate slope erosion near all wing walls.			
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		2025		Replacement Year: 2035	
Antic. Rehab. Cost:		\$75		Replacement Cost: \$1500	
Recommendations:					
OBSERVATIONS					
Overall Condition:		F2 - Fair		Requires Further Inspection: No	
Additional Observations:					