

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04072022-4	
Date: 2/8/2022		Inspected By: Jeff Ward		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-218 - BEAVER BROOK BRIDGE - R72			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	F1 - Fair		
		Bearing Seat:	P3 - Poor		
Comments:	Medium erosion to abutment footings with medium spalling along to face of west footing. Medium to severe delamination and spalling to NE and SE extension beam seats. Medium cracks to faces of wingwalls with light to medium efflorescence. Medium to severe spalling to face of SW wingwall and severe disintegration to top of SE wingwall.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	U - Uninspectable		
Comments:	Expansion joints paved over.				
DECK					
Condition:	F2 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	P1 - Poor	Roadway Condition:	F2 - Fair		
Approach Rail:	I - Inapplicable				
Comments:	Missing hazard markers. Minor alligator cracking to underside of deck. Concrete rails exposed rebar and wide vertical cracking and spalling in handrails. East rail repaired with wood rail.				
HYDROLOGY					
Water Velocity:	0.2 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.2 m	Scour Problem:	K - Known Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Minor scour under west footing.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2023	Replacement Year:	2030		
Antic. Rehab. Cost:	\$40	Replacement Cost:	\$350		
Recommendations:	Repair rails and install approach rails and markers where possible. Install rip-rap at upstream of structure.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	Similar to previous inspection.				

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.