

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01312024-1	
Date: 11/15/2023		Inspected By: Strugnell		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-051 - SHEFFIELD BROOK BRIDGE - R			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Some wide cracks in both abutments, debris build up on bearing seats, some spalls on bearing seats, bearing pads ok				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor		
Comments:	Expansion joints full and leaking, potholes and patches around expansion joints, cracking in concrete dams and steel in expansion joints damaged, girders has rebar visible at ends (lack of cover on bottom)				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Multiple patches in asphalt deck, cracking underside of deck with efflorescence, handrail damaged both sides, deck drains rusted				
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:	No scour present during inspection, but water flowing very fast				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace expansion joints, clean sand off deck, repair/replace handrail damage, repair deck and waterproof and repave, place rip rap at all four corners				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Sand build up on deck along curbs				