

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01302024-11	
Date: 11/21/2023	Inspected By: Strugnell	Category: Eng. - Engineering			
BRIDGE INFORMATION					
Site:	TCH-045 - BIG JUNCTION BROOK BRIDGE - R				
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F1 - Fair		
Comments:	Large spall in bearing seat between girders, spall in abutments just below joints				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F1 - Fair		
Comments:	Small pothole in asphalt plug joint with steel plates hanging off, asphalt cracking around expansion joints, small spalls in girders on sides with rebar visible				
DECK					
Condition:	F1 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Potholes forming in concrete deck, multiple patches, handrail damaged, dents in top handrails, wide transverse cracking in exposed concrete deck, transverse cracking under side with efflorescence				
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:	Water too high to see if any scour during inspection, water flows directly on abutment two				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair asphalt plug joints, concrete deck, rehab spalls in bearing seat and abutments, place rip rap at all four corners				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Inspect when flow is low to see if any scour at abutment two				

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