

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01302024-8	
Date: 11/21/2023		Inspected By: Strugnell		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-042 - LEECH BROOK BRIDGE (THUNDER BROOK) - R			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F1 - Fair		
Comments:	Spalls on top corners of abutments, large spalls on bearing seats, spalls in girders, large spalls at underside of deck drains, vertical cracks in abutments				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F1 - Fair		
Comments:	Expansions joints full of sand, spalls in diaphragms with rebar visible, spalls and delamination's in girders, cracks in and concrete dams at expansion joints, asphalt cracking around expansion joints				
DECK					
Condition:	F1 - Fair	Curbs:	P3 - Poor		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Deck leaking in multiple areas with efflorescence, large area of curbs spalled with rebar visible, underside of deck has cracks with efflorescence, wide cracks in curbs, multiple asphalt patches in deck asphalt				
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				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Rehab curbs, abutments/wingwalls, end blocks, diaphragms, bearing seats, expansion joints, monitor cracks underside of deck (leaking)				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:					