

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B07242025-8	
Date: 10/8/2024		Inspected By: C.Spencer		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		4-131 - THREE TON BROOK BRIDGE - R431			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	U - Uninspectable		
		Bearing Seat:	F1 - Fair		
Comments:	Efflorescence deposits on the abutments, wing walls and backwalls. Map cracking developing on wing wall near construction joint. Discoloration on wing wall. Bearing seat spalling under girder, substantial efflorescence buildup.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	P3 - Poor		
Comments:	Spalling of concrete on the bottom of some girders near bearing pads. Spalling on soffit and fascia. Expansion joint paved over.				
DECK					
Condition:	F1 - Fair	Curbs:	P1 - Poor		
Hand Rail:	P3 - Poor	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Aluminum handrail is damaged by snow plow blade. Top handrail is detached from 3 posts. Curb face is deteriorated. Asphalt is deteriorated near the expansion joints that are paved over. End blocks have large sections of exposed rebar and spalling concrete. Missing one hazard marker.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	P - Possible Problem		
Water Depth:	0 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:					
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:					