

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02012024-4	
Date: 11/24/2023		Inspected By: Strugnell		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		3-022 - TWILLICK BROOK BRIDGE - R360			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Cracks in center pier, hairline cracking in recent rehab patches, pattern cracking in abutments/wingwalls/piers with efflorescence				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Expansion joints full of sand, joint not leaking during inspection, asphalt cracking around joints, hairline cracking in bottom of girders				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Approach rail too low and not structural, spalls in curbs, cracking in curbs and end blocks, asphalt paved recently at deck and approaches, cracks underside of deck with efflorescence, handrail ok, approach rail ok				
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 during inspection to see if any scour, but possible scour since water flowing very fast during inspection				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Place rip rap around all four corners and center pier to prevent any scour, since water is very fast at this location during inspection				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Inspect when water levels are lower to see if any signs of scour around abutments and pier				