

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B11242023-5	
Date: 11/24/2023		Inspected By: Darrell Avery		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		2-103 - CENTRE COVE BROOK BRIDGE - R2-1-07			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	F2 - Fair		
Comments:	Previous inspection - Concrete abutments and wing walls. Some light cracking and scaling of wing walls and abutments. Medium scaling/erosion of bottom one metre of both abutments due tidal waters. Joints leaking on to bearing seats.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Previous inspection - Some light cracking of soffit. New inspection - efflorescence started in soffit cracks.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Previous inspection - Aluminum bridge rail system with concrete end blocks. Spall on right end block abutment two from impact. Light cracking and scaling of sidewalks and curbs. Asphalt wearing surface beginning to crack at both approaches. Object markers abutment two missing. Approach two rail ends are damaged (fish tail and buried ends). Approach 1 left guide rail severely damaged? Gutters and sidewalk have approximately 10-20mm of sand buildup. Water line hangers on sidewalk are a tripping hazard. Bridge rail protrudes past the end block on both approaches. Approach one right has a washout next to the endblock and curb. Brush is growing around rail and obscuring hazard markers. New inspection - washout at approach 1 right adjacent to wingwall. More cracks in curbs and snow plow damage.				
HYDROLOGY					
Water Velocity:	5 m/s	Ice Problem:	N - No Problem		
Water Depth:	1 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	previous inspection - Tidal. Abutment one and two left side requires hydraulic rip rap.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$tbd	Replacement Cost:	\$tbd		
Recommendations:	Previous inspection Place hydraulic rip rap left side, Replace missing object markers. Clean sand from deck and sidewalk. Repair Guiderail? Fix bridge rail from protruding beyond the end block. Repair washout at Approach one. Clear Brush.				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Previous inspection - Town of Sunnyside waterline attached to the left side of the structure.				