

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02022024-6	
Date: 11/17/2023		Inspected By: Strugnell		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		3-017 - PILLEY'S ISLAND CAUSEWAY BRIDGE - R			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair	Bearing Seat:	F2 - Fair
Comments:	Cracking in rehab patches at corner abutments, bearing seats ok, spalls in top of footings, abutments wet during inspection possible leaking from top				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Sealant missing in both integral joints with asphalt patching around joints, girders ok				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Approach rail not attached between new and old rails, approach rails too low, hairline cracking in concrete deck, some cracks underside of deck with efflorescence				
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:	Minor washout at end of curbs, no scour during inspection, tide was high during inspection				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace sealant in both integral joints, waterproof and pave concrete deck, install approach rail across full causeway too low				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	All guiderail on causeway need to be replaced too low and in poor condition				

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