

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B08152024-4</b>	
Date: 8/15/2024		Inspected By: L. Christensen/D.Burns		Category: Office - Bridge Office	
<b>BRIDGE INFORMATION</b>					
Site:		2-079 - ALLAN'S ISLAND CAUSEWAY BRIDGE - R220-19			
<b>SUBSTRUCTURE</b>					
Condition:	F1 - Fair	Bearings:	F1 - Fair		
		Bearing Seat:	F1 - Fair		
Comments:	Abutments and wing walls are in fair condition. There is some isolated severe rust staining on the wing walls where low cover is present.				
<b>SUPERSTRUCTURE</b>					
Condition:	P3 - Poor	Expansion Joints:	P3 - Poor		
Comments:	Expansion joints are filled with debris and likely leaking. All girders have severe rust staining and some shallow spalling, likely from low cover. No substantial cracking observed in the girders yet except at exposed girder ends.				
<b>DECK</b>					
Condition:	P3 - Poor	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	F1 - Fair				
Comments:	Top deck has small to medium pot holes, where the top of reinforcement is visible. Deck soffit has widespread spalling and corroded reinforcement due to low cover. No significant cracking observed. Curb fascia has some medium spalling and exposed reinforcement. Hand rail anchor bolts are rusting, to be monitored.				
<b>HYDROLOGY</b>					
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:	Tidal waterway.				
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:					
<b>OBSERVATIONS</b>					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	Continue to monitor girder and deck concrete degradation due to low cover.				