

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B01162023-3</b>	
Date: 1/27/2022		Inspected By: Jeff Ward		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		1-252 - BRYANT'S COVE BRIDGE - R70-20			
<b>SUBSTRUCTURE</b>					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Assumed condition of buried/ submerged reinforced concrete frame leg footings.				
<b>SUPERSTRUCTURE</b>					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	- Narrow vert. cracks in faces of frame legs. - Narrow alligator, horiz./ vert. cracks with light efflor. deposits in 4 wingwalls and corners of frame legs. - Medium erosion along bottom faces of frame legs.				
<b>DECK</b>					
Condition:	P3 - Poor	Curbs:	F1 - Fair		
Hand Rail:	P - Poor	Roadway Condition:	P1 - Poor		
Approach Rail:	P1 - Poor				
Comments:	West handrail damaged, approach rails severely damaged @ buried ends on south approach. Surface asphalt in poor condition with long transverse crack/potholes. Severe erosion under post at approach rails/shoulders all 4 corners. Similar to previous inspection.				
<b>HYDROLOGY</b>					
Water Velocity:	0.2 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.8 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Rip rap settlement.				
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:	2023	Replacement Year:	2070		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Add rip rap to all four corners. correct erosion at all four corners. Repair both guardrails and handrails (similar to previous inspections)				
<b>OBSERVATIONS</b>					
Overall Condition:	P - Poor	Requires Further Inspection:	No		
Additional Observations:	West handrail in poor condition as well as approach rails and surface. Similar to previous inspections.				