

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B05272022-12</b>	
Date: 4/12/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		1-260 - SHOE COVE BROOK BRIDGE - R20			
<b>SUBSTRUCTURE</b>					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Original structure extended approximately 6.0 meters upstream. Medium erosion to face of frame legs. Severe spall with exposed rebar to NW footing/frame leg.				
<b>SUPERSTRUCTURE</b>					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Medium vertical cracks with medium deposits of efflorescence on faces of frame legs.				
<b>DECK</b>					
Condition:	F2 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Narrow cracks with medium efflorescence deposits in deck soffit. Hairline vertical cracks in east and west barriers. Numerous potholes on shoulder undermining edge of pavement. Slope erosion continues on all four corners of structure. Narrow horizontal cracks with efflorescence deposits in east and west facia.				
<b>HYDROLOGY</b>					
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.4 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Slope erosion continues on all four corners of structure.				
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:	2028	Replacement Year:	2035		
Antic. Rehab. Cost:	\$100,000.00	Replacement Cost:	\$300,000.00		
Recommendations:					
<b>OBSERVATIONS</b>					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	Structure rehabbed in 2020 with new concrete barrier, approach/exit guiderail and hazard markers.				