

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B01312024-5</b>	
Date: 10/27/2023		Inspected By: Strugnell/Hodder		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		3-057 - MIDDLE BROOK BRIDGE - R320			
<b>SUBSTRUCTURE</b>					
Condition:		F2 - Fair	Bearings:		F2 - Fair
			Bearing Seat:		F2 - Fair
Comments:		Bearing pads looks too thin squat out, cracking and spalls at top corners of both abutments			
<b>SUPERSTRUCTURE</b>					
Condition:		F2 - Fair	Expansion Joints:		F2 - Fair
Comments:		Expansion joints full of sand, cracking around concrete dams on approach sides, girders ok, corner broken off on end of abutment two upstream			
<b>DECK</b>					
Condition:		F2 - Fair	Curbs:		F1 - Fair
Hand Rail:		F2 - Fair	Roadway Condition:		F2 - Fair
Approach Rail:		F2 - Fair			
Comments:		Asphalt surface on deck ok, handrails ok, curbs spalled with rebar visible and undermining around handrail post, deck underside looks ok			
<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:		Tide was high during inspection, but could under bridge at abutment one south side			
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:			Replacement Year:		
Antic. Rehab. Cost:		\$0	Replacement Cost:		\$0
Recommendations:		Rehab both abutments and curbs, clean out expansion joints, clean sand off deck			
<b>OBSERVATIONS</b>					
Overall Condition:		F2 - Fair	Requires Further Inspection:		No
Additional Observations:		Sidewalk on upstream side, narrow longitudinal cracks, sand build up along edge of sidewalk, water too high see under underside at abutment two			

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