

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02012024-10	
Date: 11/22/2023		Inspected By: Strugnell		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		3-100 - SALMON RIVER BRIDGE - R			
SUBSTRUCTURE					
Condition:		F2 - Fair	Bearings:		F2 - Fair
			Bearing Seat:		F2 - Fair
Comments:		Cracking in both abutments/wingwalls			
SUPERSTRUCTURE					
Condition:		F2 - Fair	Expansion Joints:		F1 - Fair
Comments:		Expansion joints full of sand, cracking in joint dams, possible leaking, but not leaking during inspection, armor damaged in expansion joints			
DECK					
Condition:		F2 - Fair	Curbs:		F2 - Fair
Hand Rail:		F2 - Fair	Roadway Condition:		F1 - Fair
Approach Rail:		F1 - Fair			
Comments:		Approach rail too low (not structural rail), minor washout at end of curbs, underside of deck looks ok, asphalt cracking with rough patches at both approaches, handrail damaged at end, curb has cracking with efflorescence spalls in end blocks from plough damage			
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:		Both abutments out of water, no scour, rip rap ok			
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:		\$0	Replacement Cost:		\$0
Recommendations:		Remove old rebars sticking out of ground on the upstream side, install structural rails, repair erosion near curbs, rehab end blocks, replaced damaged handrails, rehab abutments/wingwalls, pave deck and approaches			
OBSERVATIONS					
Overall Condition:		F2 - Fair	Requires Further Inspection:		No
Additional Observations:		Rebar sticking out of ground upstream side of bridge, bridge built in 1993, salmon river, bridge sign says simms brook, concrete exposed deck, no deck drains			

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