

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03092022-3	
Date: 2/21/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-116 - SALMON RIVER BRIDGE - R60			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Assumed condition of buried/submerged reinforced concrete abutment footing. Narrow vertical cracks in ballast walls, wing walls, and abutment walls.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Severe honeycombing in south ballast wall. Expansion joint paved over. South downstream girder has exposed rebar with light corrosion. Contains narrow horizontal cracks with light efflorescence deposits.				
DECK					
Condition:	F2 - Fair	Curbs:	F1 - Fair		
Hand Rail:	P3 - Poor	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Some disintegration to downstream handrail post. Remainder of handrail and end blocks severe spalling with narrow medium cracks. Medium spalling and cracks to fascia. North exit guiderail severely damaged.				
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:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2024	Replacement Year:	2035		
Antic. Rehab. Cost:	\$100	Replacement Cost:	\$2000		
Recommendations:					
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	Exit guiderail heading north damaged. Erosion at north downstream end block.				

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