

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B10102024-9	
Date: 9/27/2024		Inspected By: Scott Wight		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		4-043 - MAIN RIVER BRIDGE (SOPS ARM) - R420			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Spalling and efflorescence deposits noted on both abutments. Light sand accumulation on bearing seats. Some reinforcing bars protruding from the east corner on the North abutment				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	F2 - Fair		
Comments:	P3 - Steel members below deck; F2 - Steel members above deck. Steel coating in good condition above deck. Severe rust throughout the structure below deck. Delamination of deck steel as pieces observed on the ground below. One overhead diagonal brace damaged at the 5th lateral from the North end of the structure. Snow plow has struck frame at North and South approach.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Small section of damaged hand rail.				
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:	P - Possible Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$TBD	Replacement Cost:	\$TBD		
Recommendations:	Replace rusted deck steel where possible. Examine steel thickness and prevent further corrosion where possible.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:					

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2026.