

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B08162024-1</b>	
Date: 8/13/2024		Inspected By: L. Christensen/D.Burns		Category: Office - Bridge Office	
<b>BRIDGE INFORMATION</b>					
Site:		2-060 - LAWN BRIDGE EAST - R220			
<b>SUBSTRUCTURE</b>					
Condition:	F1 - Fair	Bearings:	F1 - Fair		
		Bearing Seat:	P1 - Poor		
Comments:	Two bearing seats undermined on west abutment (outside girders) Minor crack mapping on abutments and water staining evident. Medium efflorescence on abutments.				
<b>SUPERSTRUCTURE</b>					
Condition:	P1 - Poor	Expansion Joints:	P3 - Poor		
Comments:	Expansion joints paved over and leaking. Extreme efflorescence in girders, most severe in outside girders. South girder (outside) has medium longitudinal cracking along bottom reinforcement. Most of the other girders have small bottom longitudinal cracking at their midsections.				
<b>DECK</b>					
Condition:	P3 - Poor	Curbs:	P3 - Poor		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Extreme efflorescence in deck soffit in multiple areas (not widespread). Curb facia has medium to severe concrete deterioration.				
<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:					
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:		Replacement Year:	2026		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:					
<b>OBSERVATIONS</b>					
Overall Condition:	P1 - Poor	Requires Further Inspection:	Yes		
Additional Observations:	Extreme efflorescence and cracking in girders is very concerning, further regular inspections required. Efflorescence most likely resulting from bad drainage. Visible sag in bridge.				

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