

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B10032024-5	
Date: 10/3/2024		Inspected By: B. Grandy/D. Avery		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		2-012 - LITTLE LAWN RIVER BRIDGE - R220			
SUBSTRUCTURE					
Condition:	P - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Previous inspection - Concrete abutments and wingwalls. Cracking with efflorescence over all, some disintegration of footing one. Wingwalls at abutment two are separating from the abutment - large cracks forming. Minor scour and concrete erosion. New inspection - Spalling at top of right wingwall, abutment two. Scouring on both abutments				
SUPERSTRUCTURE					
Condition:	P1 - Poor	Expansion Joints:	I - Inapplicable		
Comments:	Previous inspection - Concrete arched deck slab. Underside of deck has some spalls, delaminations and exposed steel, cracking with efflorescence throughout.				
DECK					
Condition:	P - Poor	Curbs:	I - Inapplicable		
Hand Rail:	P - Poor	Roadway Condition:	I - Inapplicable		
Approach Rail:	I - Inapplicable				
Comments:	Previous inspection - Exposed concrete deck with gravel approaches. Deck edges are cracked, disintegrated and have heavy efflorescence. Some cracks, spalls and missing sections on concrete hand rail, anchorages are suspect.				
HYDROLOGY					
Water Velocity:	0.5 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.5 m	Scour Problem:	K - Known Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Previous inspection - Minor scour under all footings. Footings are on bedrock, no issues.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Previous inspection - Structure is on old road between St. Lawrence and Lawn and is used by cabin owners and hunters. Bridge is suitable for this and can be left in place. Load limits should be posted.				
OBSERVATIONS					
Overall Condition:	P1 - Poor	Requires Further Inspection:	No		
Additional Observations:	Previous inspection - Located on the old road between St. Lawrence and Lawn. Access from R220 1.5km south of St. Lawrence and travel 3.4km on the gravel road. Bridge is also accessible from Lawn (gravel road near old school). Old bridge abutments located upstream (1925). Bridge located on unmaintained road, bridge unmaintained, use at own risk. should have load limit posted.				