

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B04052022-1
Date: 3/23/2022	Inspected By: Trevor Upshall	Category: Eng. - Engineering
BRIDGE INFORMATION		
Site:	1-154 - SALMON COVE POND BRIDGE - R70	
SUBSTRUCTURE		
Condition:	F1 - Fair	Bearings: F2 - Fair
		Bearing Seat: F2 - Fair
Comments:	Assumed condition of submerged reinforced concrete abutment footings. Wide vertical cracks at construction joints in south abutment face. Medium wide horizontal/vertical cracks in abutment faces with light efflorescence. North and South abutments have medium erosion. Northwest exterior wing wall narrow pattern cracks with severe disintegration and spalling. Severe scaling to remainder of wing walls.	
SUPERSTRUCTURE		
Condition:	F2 - Fair	Expansion Joints: F2 - Fair
Comments:	Downstream interior girder has medium spall with exposed rebar. End girder diaphragms exposed reinforcement with light corrosion. Narrow horizontal cracks along flanges of exterior girders. Efflorescence deposits on girders leaking from bridge deck. Medium spalling to numerous girder ends.	
DECK		
Condition:	F2 - Fair	Curbs: P3 - Poor
Hand Rail:	F2 - Fair	Roadway Condition: F2 - Fair
Approach Rail:	F2 - Fair	
Comments:	Wide cracks with severe spalling/delamination to upstream and downstream facia. Narrow map cracks in exposed deck and approach slabs. Narrow transverse cracks with light efflorescence in deck soffit. Light spalling and abrasion to interior curb facia. Aluminum handrail has light dents and scrapes.	
HYDROLOGY		
Water Velocity:	0.2 m/s	Ice Problem: N - No Problem
Water Depth:	0.4 m	Scour Problem: N - No Problem
Waterway:	01 - Adequate	Debris Problem: N - No Problem
Comments:		
REPLACEMENT/REHABILITATION		
Next Rehab. Date:	2024	Replacement Year: 2030
Antic. Rehab. Cost:	\$0	Replacement Cost: \$2000
Recommendations:		
OBSERVATIONS		
Overall Condition:	F2 - Fair	Requires Further Inspection: No
Additional Observations:		