

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02052025-10	
Date: 1/30/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-154 - SALMON COVE POND BRIDGE - R70			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	F1 - Fair		
		Bearing Seat:	F1 - Fair		
Comments:	Assumed condition of submerged reinforced concrete abutment footings. Wide vertical cracks at construction joints in south abutment face. Wide horizontal/vertical cracks in abutment faces with light efflorescence. North and South abutments have medium erosion below high-water mark. NW wingwall medium pattern cracks with severe disintegration and spalling. Severe scaling to remainder of wing walls.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	F1 - Fair		
Comments:	Severe spall/delamination with exposed rebar to interior girder at mid span. End girder diaphragms exposed reinforcement with light corrosion. Medium to wide horizontal cracks along top and bottom flange of exterior girders. Efflorescence deposits on girders leaking from bridge deck. Medium spalling to numerous girder ends. Medium to severe spalling with exposed reinforcement in deck soffit. Narrow longitudinal/transverse cracks with light efflorescence in deck soffit. Light spalling with exposed reinforcement to girders due to insufficient cover. Medium spall in NW curb at expansion joint.				
DECK					
Condition:	F1 - Fair	Curbs:	P3 - Poor		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F2 - Fair				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Wide cracks with severe spalling, delamination, and disintegration of the deck/curb construction joint to upstream and downstream facia. Narrow map cracks in exposed deck and approach slabs. Light spalling and abrasion to interior curb facia. Aluminum handrail has light dents and abrasions. Medium spalling/delamination with exposed rebar in NW end block. Narrow cracking with light efflorescence in soffit overhangs.				
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:		Replacement Year:	2035		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:					
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:					