

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02052025-6	
Date: 1/30/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-250 - BUTLERVILLE BRIDGE - R70			
SUBSTRUCTURE					
Condition:	P1 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	P3 - Poor		
Comments:	- Southwest wingwall has very severe disintegration throughout, P1 to P. Northwest wingwall has a moderate spall at its joint to the abutment. Other wingwalls have light map cracking with efflorescent leachate, F1. - Both abutment faces and both pier faces have efflorescent leachate at the deck/abutment bearing area. Buried section of the deck near the expansion gaps assumed to be deteriorated, P3. - West abutment otherwise in fair condition. - East abutment has a horizontal crack leaching efflorescent material, P3. - Both pier faces have severe cracking with severe efflorescent leachate in both faces, P3.				
SUPERSTRUCTURE					
Condition:	P - Poor	Expansion Joints:	P - Poor		
Comments:	- South deck fascia has light to moderate cracking with efflorescence especially around the expansion gaps. - Expansion gaps leaking and not functioning as intended, P. - Deck soffit has very severe cracking with very severe efflorescent leachate forming stalactites.				
DECK					
Condition:	P - Poor	Curbs:	U - Uninspectable		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	I - Inapplicable				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. - No end blocks, hazard markers or approach rails. - Asphalt has transverse cracks inline with the rear of each wingwall, F1. - Concrete railing has moderate to severe scaling throughout with isolated cracks, F1. - Curbs covered in snow at time of inspection.				
HYDROLOGY					
Water Velocity:	Varies m/s	Ice Problem:	N - No Problem		
Water Depth:	Varies m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- One span has much deeper water than the other.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2025		
Antic. Rehab. Cost:	\$N/A	Replacement Cost:	\$3,000,000		
Recommendations:	- Replace bridge. - Consider several culverts for replacement.				
OBSERVATIONS					
Overall Condition:	P - Poor	Requires Further Inspection:	No		
Additional Observations:	- Deck soffit in poor condition replace the bridge				