

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03072025-5	
Date: 3/5/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-181 - LANCE COVE BRIDGE - R100-16			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- North frame leg construction joint to footing opening with light disintegration to edges, F1. - North frame leg has a single crack with light to moderate efflorescence, F1. - Both frame legs have moderate to severe erosion to waterline concrete, F1 to P3. - All wingwalls in fair condition with no significant defects, F2.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	- Deck soffit has no significant defects, F2.				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	P - Poor		
Approach Rail:	P - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. - Curb top covered with gravels and vegetation and not inspectable. - Sidewalk top has hairline cracks with shallow spalls to exterior edges, F1. - Exterior vertical faces of the curb and deck fascia's have light scaling and isolated cracks with just visible efflorescence (the width of crack is white only) and is generally defect free, F1. - Structure rail has local dents/scrapes and missing some end caps, F1. - Approach rail/guiderail not of type "Guiderail Structures". Rails in fair condition. Concrete posts have rot throughout, P. - Approach asphalt on the north side has numerous deep potholes throughout, P. F1 remainder. - No hazard markers. - End blocks have hairline to narrow cracks throughout with moderate scaling, F1.				
HYDROLOGY					
Water Velocity:	< 0.5 m/s	Ice Problem:	N - No Problem		
Water Depth:	< 0.5 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- Continued migration of upstream gabions and riprap into the channel. - No scour under frame legs or wingwalls.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:	\$		
Recommendations:	- Replace approach/exit guiderails with "Guiderail Structures" complete with hazard markers. Only the first few posts are needed on each of the structure's corners due to surrounding properties. - Replace 600mm csp. - Replace upstream gabions.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	- Private property on all four corners of structure. - 600mm CSP outlet on the downstream side of the structure. - Guiderail and potholes, P.				

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2026.