

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04012026-1	
Date: 3/31/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-178 - CROCKER'S BRIDGE - R11			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Assumed condition of buried/submerged frame leg footings.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	An underwater camera was used to inspect the frame leg corners for erosion/scour. Light to medium erosion was observed beneath the surface. Vertical construction joints between exterior frame legs and abutment wing walls at all four corners contain numerous narrow horizontal/angular cracks with efflorescence. Narrow vertical cracks with light efflorescence deposits in face of frame legs that travel through the haunch into the deck soffit. Narrow vertical/horizontal/map cracking with light efflorescence deposits in wing walls. Narrow longitudinal and hairline pattern cracks with light efflorescence to deck soffit.				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	P3 - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Approach/exit guiderail is standard flex beam installation attached to end blocks with two bolts. This should be replaced with guiderail structures and end shoe end block attachments. Wide transverse crack in asphalt near west approach slab. Wide longitudinal progressive edge asphalt crack at NE corner. Light wheel track rutting to driving surface. Standard guiderail replaced at SE corner. Some existing posts contain severe rot and are tipping towards the pond. Medium scaling, abrasions with medium horizontal/vertical cracks to sidewalk curbs. Medium vertical cracks with exposed rebar to exterior curb facias. Narrow vertical/horizontal cracks to deck facia. End blocks also have medium cracks with exposed corroded rebar. Aluminum handrail has medium dents/abrasions with missing end caps.				
HYDROLOGY					
Water Velocity:	m/s	Ice Problem:	N - No Problem		
Water Depth:	m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Medium shoulder/embankment erosion at all four corners of structure. Rip rap slope protection remains in good condition.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:		\$	
Recommendations:	Repair shoulder erosion and install guiderail structures with end shoe attachment to end blocks. Waterproof and				

pave bridge deck.			
OBSERVATIONS			
Overall Condition:	F1 - Fair	Requires Further Inspection:	No
Additional Observations:			

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