

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B06282024-1</b>	
<b>Date:</b> 6/27/2024	<b>Inspected By:</b> D. Burns/J. Rowe	<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>			
<b>Site:</b>	2-196 - SOCK POND BRIDGE (OLD)		
<b>Route:</b>	210	<b>Overall Length:</b>	10 m
<b>Year Built:</b>	1960	<b>Est:</b> No	<b>Overall Width:</b> 7.5 m
<b>Year Last Rehab.:</b>		<b>Est:</b> No	<b>Roadway Width:</b> 7 m
<b>Region:</b>	CENTRAL EAST	<b>Sidewalk Width:</b>	0 m
<b>Jurisdiction:</b>	Provincial	<b>Clearance to R.D. or N.W.L.:</b>	1 m
<b>Type of Structure:</b>	03 - Reinforced Concrete Beam/Slab	<b>Max Depth of N.W.L.:</b>	1 m
<b>Purpose of Structure:</b>	04 - Over Non-Navigable Waters	<b>Spans:</b>	
<b>Type of Handrail:</b>	02 - Concrete Rail	<u>Span No.:</u>	<u>Length</u>
<b>Roadway Surface:</b>	01 - Concrete	1	6
<b>Alignment Vertical:</b>	01 - Good	2	0
<b>Alignment Horizontal:</b>	01 - Good	3	0
<b>Restrictions:</b>	No	4	0
		5	0
		6	0
<b>BRIDGE PHOTOS</b>			
			
<b>SUBSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b>	I - Inapplicable
		<b>Bearing Seat:</b>	F2 - Fair
<b>Comments:</b>	Concrete abutments and wingwalls, with alligator cracking and efflorescence staining throughout(Same as previous inspection). Some minor deterioration of abutments and wingwalls in some areas.		
<b>SUPERSTRUCTURE</b>			
<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b>	I - Inapplicable
<b>Comments:</b>	Some minor cracking in the reinforced concrete deck(Same as previous inspection).		
<b>DECK</b>			
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b>	I - Inapplicable
	P3 - Poor		F1 - Fair

<b>Hand Rail:</b>		<b>Roadway Condition:</b>	
<b>Approach Rail:</b>	I - Inapplicable		
<b>Comments:</b>	Previous Inspection - Exposed concrete deck with gravel approaches (noted during previous inspection). Cracking and disintegration of the deck surface, some vegetation growth (noted during previous inspection). Concrete hand rail is cracked, disintegrated and has exposed rebar in several areas. Roadway is grown in with alders. New inspection - All Concerns are persistent with the previous inspection and no new concerns were observed.		
<b>HYDROLOGY</b>			
<b>Water Velocity:</b>	1 m/s	<b>Ice Problem:</b>	N - No Problem
<b>Water Depth:</b>	2 m	<b>Scour Problem:</b>	N - No Problem
<b>Waterway:</b>	01 - Adequate	<b>Debris Problem:</b>	P - Possible Problem
<b>Comments:</b>	previous inspection was noted that there was a known debris problem. No debris problem was encountered, however streambed was inaccessible to inspect.		
<b>REPLACEMENT/REHABILITATION</b>			
<b>Next Rehab. Date:</b>		<b>Replacement Year:</b>	
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b>	\$Remove structure
<b>Recommendations:</b>	Structure is considered safe but should be posted with load limit until removal.		
<b>OBSERVATIONS</b>			
<b>Overall Condition:</b>	F1 - Fair	<b>Requires Further Inspection:</b>	No
<b>Additional Observations:</b>	Located on old R210 about 4.5km south of Sandy Harbor River Bridge. Bridge located on unmaintained road, bridge unmaintained, use at own risk.		

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.