

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B08302023-3	
Date: 8/10/2023	Inspected By: Darrell Avery	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-093 - LOCKSTON PARK BRIDGE #1		
Route:	236	Overall Length:	17.4 m
Year Built:	1991	Est: No	Overall Width: 10 m
Year Last Rehab.:		Est: No	Roadway Width: 9 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1 m
Type of Structure:	03 - Reinforced Concrete Beam/Slab	Max Depth of N.W.L.:	1 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	01 - Aluminum Rail	Span No.:	Length
Roadway Surface:	01 - Concrete	1	9
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	Previous inspection - Concrete abutments and wing walls. Abutments have efflorescence on them. New inspection - Medium cracks at corners.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Previous inspection - Some leaking at joints, evidence of leaking at curb soffit and abutments.		
DECK			
Condition:	F2 - Fair	Curbs:	F1 - Fair
	F2 - Fair		F2 - Fair

Hand Rail:		Roadway Condition:	
Approach Rail:	P1 - Poor		
Comments:	Previous inspection - Exposed concrete deck. Aluminum bridge rail. No michigan shoes. Brush growing over approach rails blocking hazard markers. Bridge deck has a buildup of gravel. All end blocks have cracks on them, Abutment #1 left end block has impact damage and non structural rail post missing. New inspection - Medium cracks on curb fascias. At abutment #1 left top aluminum bridge rail also damaged. Many approach guiderail posts have rotted and windrows of gravel at road shoulders.		
HYDROLOGY			
Water Velocity:	1 m/s	Ice Problem:	N - No Problem
Water Depth:	.7 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem
Comments:	Beaver dam starting under bridge.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$tbd	Replacement Cost:	\$0
Recommendations:	Remove brush, repair bridge rail and new approach guiderail. Repair concrete surfaces. Remove beaver dam.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:			

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