

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B09012023-4	
Date: 8/21/2023	Inspected By: Darrell Avery	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-070 - RYDER'S BROOK BRIDGE		
Route:	232	Overall Length:	55 m
Year Built:	1977	Est: No	Overall Width: 10 m
Year Last Rehab.:	2020	Est: No	Roadway Width: 9 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	6 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	1 m
Purpose of Structure:	04 - Over Non-Navigable Waters		
Type of Handrail:	01 - Aluminum Rail	Spans:	
Roadway Surface:	02 - Asphalt	Span No.:	Length
Alignment Vertical:	02 - Adequate	1	38
Alignment Horizontal:	02 - Adequate	2	0
Restrictions:	No	3	0
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	Concrete footings, abutments & wingwalls set back high on slopes. Typical map cracking on all concrete surfaces except for areas repaired during 2020 rehab project.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair
Comments:	Previous inspection - Some spalling and exposed rebar on Girders.- New inspection - Spalls on girders appear to be patched. Some map cracking on girders and #5 has rusting rebar on bottom near abut #2. New asphalt plug joints installed during 2020 rehab project.		
DECK			

Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair
Approach Rail:	F2 - Fair		
Comments:	Previous inspection - Bolt on left side hand rail expansion is sheared off. New inspection - 2020 rehab project included new deck & approach asphalt, rebuilt curbs new steel bridge rail(4) & new approach guiderail. Shoulder washouts at right approaches.		
HYDROLOGY			
Water Velocity:	. m/s	Ice Problem:	N - No Problem
Water Depth:	1 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Repair approach shoulders.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:			

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