

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B09012023-8	
Date: 8/21/2023		Inspected By: Darrell Avery		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:	2-128 - GEORGE'S BROOK BRIDGE #2				
Route:	230A	Overall Length:	25 m		
Year Built:	2007	Est: No	Overall Width:	11 m	
Year Last Rehab.:	2019	Est: No	Roadway Width:	8.3 m	
Region:	CENTRAL EAST		Sidewalk Width:	1.2 m	
Jurisdiction:	Provincial		Clearance to R.D. or N.W.L.:	2 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		<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>
Roadway Surface:	02 - Asphalt		1	13.5	4
Alignment Vertical:	01 - Good		2	0	5
Alignment Horizontal:	01 - Good		3	0	6
Restrictions:	No				
BRIDGE PHOTOS					
					
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Previous inspection - Concrete abutments and wing walls. A few light cracks in wing walls. Elastomeric bearing pads.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Integral abutment.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
	F2 - Fair		F2 - Fair		

Hand Rail:		Roadway Condition:	
Approach Rail:	F2 - Fair		
Comments:	Aluminum bridge rail with concrete end blocks. Asphalt wearing surface. Extensive potholing and exposed waterproofing in left lane. Deck covered in sand. New inspection - Asphalt continuing to rut, ravel and pothole. Wood blocks in curb fascia - some popping out.		
HYDROLOGY			
Water Velocity:	0.5 m/s	Ice Problem:	N - No Problem
Water Depth:	1.0-1.50 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Tidal		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Approach 2 right required gutter at wingwall. Clean sand from gutter		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Approach 2 right has washout near wingwall. Municipal water supply suspended from left curb fascia.		

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