

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B11172023-8	
Date: 11/17/2023	Inspected By: Darrell Avery	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-120 - LONG HARBOUR BRIDGE		
Route:	202	Overall Length:	17.9 m
Year Built:	1960	Est: No	Overall Width: 13.2 m
Year Last Rehab.:		Est: No	Roadway Width: 11.8 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.2 m
Type of Structure:	04 - Rigid Frame	Max Depth of N.W.L.:	0.8 m
Purpose of Structure:	04 - Over Non-Navigable Waters		
Type of Handrail:	02 - Concrete Rail	Spans:	
Roadway Surface:	02 - Asphalt	Span No.:	Length
Alignment Vertical:	01 - Good	Span No.:	Length
Alignment Horizontal:	01 - Good	Span No.:	Length
Restrictions:	No		
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	Previous inspection - Some cracking with efflorescence in abutment and wing walls. Some erosion of the footings. Abutment one has concrete erosion at water line.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Previous inspection - Medium cracking with efflorescence of the deck soffit. Some spalling and disintegration of the fascia.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair

Hand Rail:	P1 - Poor	Roadway Condition:	F2 - Fair
Approach Rail:	I - Inapplicable		
Comments:	Previous inspection - No approach rail. Concrete deck with asphalt wearing surface. Concrete bridge rail and endblocks. Severe disintegration and spalling with exposed rebar on several areas of bridge rail and curb over abutment two. Abutment has a washout starting on the right side.		
HYDROLOGY			
Water Velocity:	1 m/s	Ice Problem:	N - No Problem
Water Depth:	0.5 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	NA - Not Applicable
Comments:	Previous inspection - Bridge was previously overtopped.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$tbd	Replacement Cost:	\$tbd
Recommendations:			
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Previous inspection - 20mm water line?? 3.5m downstream of structure in stream bed.		

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