

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B04292022-2	
Date: 4/8/2022	Inspected By: M Button	Category: Office - Bridge Office	
BRIDGE INFORMATION			
Site:	1-018 - TERRY'S BROOK BRIDGE		
Route:	60	Overall Length:	6 m
Year Built:	1937	Est: No	Overall Width: 17.2 m
Year Last Rehab.:	1975	Est: Yes	Roadway Width: 10.5 m
Region:	AVALON PENINSULA		Sidewalk Width: 0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	1.4 m
Type of Structure:	13 - Other	Max Depth of N.W.L.:	0.2 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:	02 - Adequate	1	3.8
Alignment Horizontal:	02 - Adequate	2	0
Restrictions:	No	3	0
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	P3 - Poor	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	- Rust stains from tie rods throughout abutment faces F1. – Very severe disintegration on southwest abutment corner with exposed coarse aggregate and severe efflorescence P3. – Extensions construction joints beginning to open with disintegration and moderate spalling P3. – Severe efflorescence on southeast abutment from curb P3.		
SUPERSTRUCTURE			
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable
Comments:	- Deck soffit has light to moderate honeycombing P3 in some locations. – Extension deck soffit has severe delamination and spalling P3. – South deck fascia has light erosion F1. – Moderate efflorescence on the south deck soffit close to the exterior P3. - Isolated locations on the south extension with moderate cracking and efflorescence. – Old deck fascia at an extension is disintegrated exposing reinforcement with severe corrosion, monitor for progression on future inspections, P3		

DECK			
Condition:	U - Uninspectable	Curbs:	F1 - Fair
Hand Rail:	F1 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	I - Inapplicable		
Comments:	- Handrails and curbs are in fair condition F1. – No end blocks, guiderail, or hazard markers.		
HYDROLOGY			
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem
Water Depth:	0.3 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	- Steam is protected with river rock along the west abutment. Upstream waterway protected with gabions.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	2030
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$1,200,000
Recommendations:	- Replace structure within 5-10 years.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	- Good location to park north of structure. Structure ok. Monitor cracks on south side soffit and the old deck fascia under the bridge by the towns waterline for progression on future inspections.		

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