Newfoundland Labrador	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE	BRIDGE INSPECTION REPORT B10132021-5				
Date: 10/6/2021	Inspected By: Mike	Button		Category: Office - Bridge Office				
BRIDGE INFORMATION	4							
Site:	2-051 - LITTLE CATA	LINA BROOK BRIDGE						
Route:	230 Overall L		verall Leng	erall Length:		18.3 <b>m</b>		
Year Built:	1968	Est: No	O	Overall Width: 9.6 m				
Year Last Rehab.:	1993	Est: No	R	oadway Wi	dth:	8.6 <b>m</b>		
Region:	CENTRAL EAST		-	Sidewalk Width: 0 m Clearance to R.D. or				
Jurisdiction:	Provincial		-	W.L.:	N.D. 01	4 <b>m</b>		
Type of Structure:	02 - Double Tee		М	ax Depth o	f N.W.L.:	1 <b>m</b>		
Purpose of Structure:	04 - Over Non-Naviga	ble Waters	S	Spans:				
Type of Handrail:	01 - Aluminum Rail		S	pan No.:	<u>Length</u>	Span No.:	Length	
Roadway Surface:	02 - Asphalt		1		9.5	4	0	
Alignment Vertical:	01 - Good		2		0	5	0	
Alignment Horizontal:	01 - Good		3		0	6	0	
	NI							
BRIDGE PHOTOS	No							
BRIDGE PHOTOS	No 2012 (12/12) P3 - Poor	Bea	2012/12/12	I - Ina	pplicable			
BRIDGE PHOTOS	2012 1272			I - Ina P3 - F				
Restrictions: BRIDGE PHOTOS SUBSTRUCTURE Condition: Comments:	P3 - Poor - South abutment on exterior double tee. A heavy alligator cracki cracking and efflores from the bearing sear corner to be monitore alligator cracking with		rings: ring Seat: a large wide crack f id should be monito ce especially on the abutment on the no ir double tee. Rema ior double tee, P3 ecially on the corne	P3 - F rom the bea red, P3 B corners rtheast corr ining chunk - Both abutr rs Face, a	Poor aring seat, loth abutm Face, awa her has a d c of concrei ment corne away from	ent corners ha y from corners isintegrated c te from spall to rs have med-l corners, has	ave med- s, has mild rack/spall o abutment neavy	
BRIDGE PHOTOS	P3 - Poor - South abutment on exterior double tee. A heavy alligator cracki cracking and efflores from the bearing sear corner to be monitore alligator cracking with	Bea the southwest corner has a rea likely about to spall an ng with severe efflorescen cence throughout North t, directly below the exterio d for undermining of exter a severe efflorescence esp	rings: ring Seat: a large wide crack f id should be monito ce especially on the abutment on the no ir double tee. Rema ior double tee, P3 ecially on the corne	P3 - F rom the bea red, P3 B corners rtheast corr ining chunk - Both abutr rs Face, a	Poor aring seat, loth abutm Face, awa her has a d c of concrei ment corne away from	ent corners ha y from corners isintegrated c te from spall to rs have med-l corners, has	ave med- s, has mild rack/spall o abutment neavy	
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Comments:	pre-cast sections Several double tees have exposed stressing cables on the southwest side, remainder in fair condition with only minor areas of exposed stirrups.					
DECK						
Condition:	P3 - Poor	Curbs:	F1 - Fair			
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor			
Approach Rail:	F1 - Fair					
Comments:	- End blocks have mild alligator cracking throughout Some approach/exit rail timber posts rotting, are connected to end blocks and complete with hazard markers Asphalt has heavy cracking and potholes, P3 Curbs have mild cracking throughout Handrails have minor dents, F1.					
HYDROLOGY						
Water Velocity:	0.3 <b>m/s</b>	Ice Problem:	N - No Problem			
Water Depth:	0.3 <b>m</b>	Scour Problem:	N - No Problem			
Waterway:	01 - Adequate	Debris Problem:	N - No Problem			
Comments:	- None					
REPLACEMENT/REHAB	ILITATION					
Next Rehab. Date:	T.B.D.	Replacement Year:	2025			
Antic. Rehab. Cost:	\$REPLACE	Replacement Cost:	\$1,200,000			
Recommendations:	- Recommend a full replacement within 5 years, most components are not worth repairing.					
OBSERVATIONS						
Overall Condition:	P3 - Poor	Requires Further Inspection:	No			
Additional Observations:	- Hazards, medium traffic, steep slopes	Use rubber boots for inspe	ection.			
EGEND: Condition Definitions: 1 - 'Good - [discontinued code]. 2 - 'Fair - [discontinued code]. 3 - 'Poor - [discontinued code]. 4 - 'Unsafe - [discontinued code]. G - Good. PHOTO GUIDELINES: nspection Photos: Please provide photos using guidelin All items noted above as b Any evidence of known ice	F2 - Fair. C - Unsafe (Closed to F1 - Fair. U - Uninspectable. P3 - Poor. I - Inapplicable. P1 - Poor. P - Poor. P - Poor. ens shoup e occumented by photograph eng P3, P4, P or C	Public). N - No F P - Pos: K - Kno	n Definitions: Category Definitions: Problem. Maint Maintenance. sible Problem. Eng Engineering. wn Problem. Office - Bridge Office. of Applicable.			
INSPECTION PHOTOS						

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.