

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06042019-1	
Date: 6/4/2019	Inspected By: Pickett R	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-261 - POUCH COVE BROOK BRIDGE		
Route:	20	Overall Length:	24.1 m
Year Built:	1960	Est: Yes	Overall Width: 11.8 m
Year Last Rehab.:	1975	Est: Yes	Roadway Width: 10 m
Region:	AVALON PENINSULA		Sidewalk Width: 0.4 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	4.4 m
Type of Structure:	04 - Rigid Frame	Max Depth of N.W.L.:	0.3 m
Purpose of Structure:	04 - Over Non-Navigable Waters		Spans:
Type of Handrail:	01 - Aluminum Rail	Span No.:	Length
Roadway Surface:	02 - Asphalt	1	5.9
Alignment Vertical:	02 - Adequate	2	0
Alignment Horizontal:	02 - Adequate	3	0
Restrictions:	No		
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F1 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	Original structure extended approximately 6m upstream. Medium erosion to frame legs. Rehabbed 2017.		
SUPERSTRUCTURE			
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Medium delam/spalding to face of original north leg. Medium delam/spalding to face of original south leg at center and upstream end of north leg. Medium vertical/horizontal cracks with light efflorence to face of original legs and wing walls. Rehabbed 2017.		
DECK			
Condition:	P1 - Poor	Curbs:	I - Inapplicable

Hand Rail:	P1 - Poor	Roadway Condition:	I - Inapplicable
Approach Rail:	U - Uninspectable		
Comments:	Very severe concrete delam/ spalding with exposed rebar on underside construction joint at old new extension. Narrow cracks with light spalding to deck soffit original and extension and effluence deposits deck soffit top of North West and South West wingwall cracked and shifted under aluminum handrail post. Guiderail not inspected due to snow. No hazard markers.		

HYDROLOGY

Water Velocity:	0.7 m/s	Ice Problem:	N - No Problem
Water Depth:	0.5 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			

REPLACEMENT/REHABILITATION

Next Rehab. Date:	2019	Replacement Year:	2030
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$2000
Recommendations:			

OBSERVATIONS

Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	While the major deficiencies were complete in the rehab the structure still has considerate defects.		

LEGEND:

Condition Definitions:			Problem Definitions:	Category Definitions:
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.	Maint. - Maintenance.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.	Eng. - Engineering.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.	Office - Bridge Office.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.	
G - Good.	P - Poor.			

PHOTO GUIDELINES:
Inspection Photos:
 Please provide photos using guidelines below:
 ● Any item which inspector feels should be documented by photograph
 ● All items noted above as being P3, P1, P, or C
 ● Any evidence of known ice, scour, debris, waterway problems

INSPECTION PHOTOS