

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B01162018-3	
Date: 11/15/2017	Inspected By: Strugnell/Walsh	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	3-180 - KM 16 WEST OF GFW CONCRETE BOX CULVERT (PYNNS BROOK BRIDGE)		
Route:	1	Overall Length:	0 m
Year Built:	1980	Est: Yes	Overall Width: 0 m
Year Last Rehab.:		Est: No	Roadway Width: 0 m
Region:	CENTRAL WEST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	0 m
Type of Structure:	13 - Other	Max Depth of N.W.L.:	0 m
Purpose of Structure:	04 - Over Non-Navigable Waters		Spans:
Type of Handrail:	06 - None	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	0
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	6	0
BRIDGE PHOTOS			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	Concrete disintegrated on wing-walls with rebar visible upstream side.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Spalls in top of headwalls with rebar visible upstream side.		
DECK			
Condition:	I - Inapplicable	Curbs:	I - Inapplicable
Hand Rail:	I - Inapplicable	Roadway Condition:	I - Inapplicable
Approach Rail:	I - Inapplicable		
Comments:	Asphalt above structure is o.k. - paved in 2009.		
HYDROLOGY			
Water Velocity:	Slow m/s	Ice Problem:	N - No Problem
Water Depth:	Low m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Erosion/washout at upstream side around box culvert from previous flood in 2016. Brook upstream side		

undermined with vegetation. Possible scour downstream side around footings.

REPLACEMENT/REHABILITATION

Next Rehab. Date:	2018	Replacement Year:	2018
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0
Recommendations:	Place rip-rap & rock fill upstream side to repair washout area. Install guiderail both sides.		

OBSERVATIONS

Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	Contractor on site downstream of structure installing a multi-plate on trail-way that washed out in 2016 (Thanksgiving Rain Event).		

LEGEND:

Condition Definitions:

1 - *Good - [discontinued code].
 2 - *Fair - [discontinued code].
 3 - *Poor - [discontinued code].
 4 - *Unsafe - [discontinued code].
 G - Good.

F2 - Fair.
 F1 - Fair.
 P3 - Poor.
 P1 - Poor.
 P - Poor.

C - Unsafe (Closed to Public).
 U - Uninspectable.
 I - Inapplicable.

Problem Definitions:

N - No Problem.
 P - Possible Problem.
 K - Known Problem.
 NA - Not Applicable.

Category Definitions:

Maint. - Maintenance.
 Eng. - Engineering.
 Office - Bridge Office.

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 F3, P4, P1, or C
 - Any evidence of known ice, scour, debris, waterway problems

INSPECTION PHOTOS

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