

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06212019-2	
Date: 6/21/2019	Inspected By: lyver C	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-075 - ARNEY'S POND BRIDGE, BAY ROBERTS		
Route:	70	Overall Length:	18.9 m
Year Built:	1969	Est: No	Overall Width: 10.9 m
Year Last Rehab.:		Est: No	Roadway Width: 8.5 m
Region:	AVALON PENINSULA	Sidewalk Width:	1.2 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	2 m
Type of Structure:	02 - Double Tee	Max Depth of N.W.L.:	1.5 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	02 - Concrete Rail	Span No.:	Length
Roadway Surface:	02 - Asphalt	1	9.8
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	G - Good	Bearings:	G - Good
		Bearing Seat:	G - Good
Comments:	Assumed condition of buried concrete reinforcement at abutment footing. Pigeon content on bearing seats and girders. Hairline alligator cracks in all four wing walls. Light erosion along bottom faces of both abutments.		
SUPERSTRUCTURE			
Condition:	G - Good	Expansion Joints:	G - Good
Comments:	Girders remain in good condition.		
DECK			
Condition:	G - Good	Curbs:	F2 - Fair
Hand Rail:	G - Good	Roadway Condition:	F2 - Fair

Approach Rail:	F2 - Fair		
Comments:	Medium rusting in asphalt in deck and approaches. No hazard marker at North East end but the post still in place. Narrow vertical cracks in deck/curb/sidewalk exterior faces and interior faces. Medium sized severe potholes and severe rusting in asphalt on South approach slab.		
HYDROLOGY			
Water Velocity:	0 m/s	Ice Problem:	N - No Problem
Water Depth:	0 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Water velocity and water depth specified as tidal. Light medium slope erosion along wingwall faces. Medium erosion under end of South West rock embedded gutter.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2047	Replacement Year:	2084
Antic. Rehab. Cost:	\$150	Replacement Cost:	\$2000
Recommendations:	Resurface deck and short sections of approaches, install pigeon screens and install new hazard marker		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	Unchanged from 2009/2012 inspection.		
LEGEND:			
Condition Definitions:		Problem Definitions:	
1 - *Good - [discontinued code].	F2 - Fair.	C - Unsafe (Closed to Public).	N - No Problem.
2 - *Fair - [discontinued code].	F1 - Fair.	U - Uninspectable.	P - Possible Problem.
3 - *Poor - [discontinued code].	P3 - Poor.	I - Inapplicable.	K - Known Problem.
4 - *Unsafe - [discontinued code].	P1 - Poor.		NA - Not Applicable.
G - Good.	P - Poor.		
Category Definitions:			
Maint. - Maintenance.			
Eng. - Engineering.			
Office - Bridge Office.			
PHOTO GUIDELINES:			
Inspection Photos:			
Please provide photos using guidelines below:			
<ul style="list-style-type: none"> ● 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			