

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B06062019-1	
Date: 6/6/2019	Inspected By: Pickett R	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	1-263 - FERRY TERMINAL BRIDGE		
Route:		Overall Length:	13.4 m
Year Built:	1960	Est: Yes	Overall Width: 13.5 m
Year Last Rehab.:		Est: No	Roadway Width: 12.3 m
Region:	AVALON PENINSULA	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	3.2 m
Type of Structure:	04 - Rigid Frame	Max Depth of N.W.L.:	0.5 m
Purpose of Structure:	04 - Over Non-Navigable Waters	Spans:	
Type of Handrail:	01 - Aluminum Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	1	5.5
Alignment Vertical:	02 - Adequate	2	0
Alignment Horizontal:	03 - Poor	3	0
Restrictions:	No	Span No.:	Length
		4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	I - Inapplicable
		Bearing Seat:	I - Inapplicable
Comments:	Original structure extended approximately 3m downstream. Minor spalding to North East end of original frame.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Wide vertical crack in North East wingwall of intersection with frame leg. Narrow cracks in faces of original frame legs. Alligator minor cracks on all 4 endblocks.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair

Approach Rail:	F2 - Fair		
Comments:	Narrow cracks in original deck soffit. Narrow cracks in deck/ curb facias. Minor scrapes and dents to aluminum hand rails and guide rails.		
HYDROLOGY			
Water Velocity:	0.7 m/s	Ice Problem:	N - No Problem
Water Depth:	0.5 m	Scour Problem:	P - Possible Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:	Moderate to severe erosion around all wingwalls. Bulging on retaining wall downstream.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:	2025	Replacement Year:	2035
Antic. Rehab. Cost:	\$40	Replacement Cost:	\$750
Recommendations:	Repair erosion, monitor gabion retaining wall.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:			
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			