

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B05052006-7	
Date: 3/3/2006		Inspected By: Pickett R		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:	1-000 - WESTERN GULLY BROOK BRIDGE, PORTUGAL COVE				
Route:	40	Overall Length:	6.3 m		
Year Built:	1960	Est: No	Overall Width:	9.8 m	
Year Last Rehab.:		Est: No	Roadway Width:	9.2 m	
Region:	AVALON PENINSULA		Sidewalk Width:	0 m	
Jurisdiction:	Federal	Clearance to R.D. or N.W.L.:	1.3 m		
Type of Structure:	04 - Rigid Frame	Max Depth of N.W.L.:	0.2 m		
Purpose of Structure:	04 - Over Non-Navigable Waters		Spans:		
Type of Handrail:	02 - Concrete Rail		<u>Span No.:</u>	<u>Length</u>	<u>Span No.:</u>
Roadway Surface:	02 - Asphalt		1	3	4
Alignment Vertical:	01 - Good		2	0	5
Alignment Horizontal:	02 - Adequate		3	0	6
Restrictions:	No				
BRIDGE PHOTOS					
					
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Limited visibility due to snow				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:					
DECK					
Condition:	F2 - Fair	Curbs:	U - Uninspectable		
Hand Rail:	P1 - Poor	Roadway Condition:	U - Uninspectable		

Approach Rail: I - Inapplicable
Comments: - Handrail downstream has only vertical concrete up - Upstream handrail OK

HYDROLOGY

Water Velocity: 2.0 m/s	Ice Problem: P - Possible Problem
Water Depth: 0.3 m	Scour Problem: P - Possible Problem
Waterway: 01 - Adequate	Debris Problem: P - Possible Problem
Comments: - Outlet completely blocked with snow - Some debris in structure now	

REPLACEMENT/REHABILITATION

Next Rehab. Date: 2007	Replacement Year: 2009
Antic. Rehab. Cost: \$15000	Replacement Cost: \$100000
Recommendations: - Repair handrail on downstream end - Install approach rail	

OBSERVATIONS

Overall Condition: F2 - Fair	Requires Further Inspection: No
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Additional Observations:

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 P3, P1, P, or C
 • Any evidence of known ice, scour, debris, waterway problems

INSPECTION PHOTOS



Description:
Handrail damage



Description:
Debris under structure