

GOVERNMENT OF **NEWFOUNDLAND** AND LABRADOR Department of Transportation and Infrastructure

BRIDGE INSPECTION REPORT B03022018-1

Date: 9/15/2017 Inspected By: AF Category: Eng. - Engineering

BRIDGE INFORMATION

Site: 2-067 - PLATE COVE WEST BRIDGE

Route: 235

2012 Year Built: Est: No Year Last Rehab.: Est: No

Region: CENTRAL EAST

Jurisdiction: Provincial

Type of Structure: 01 - AASH to Girder

Purpose of Structure: 03 - Over Navigable Waters

04 - Steel Rail Type of Handrail: 02 - Asphalt Roadway Surface:

01 - Good Alignment Vertical: 01 - Good Alignment Horizontal:

No Restrictions:

33.8 m **Overall Length:**

10.3 m **Overall Width:**

9 m

4 m

Roadway Width: Sidewalk Width: $0 \, \mathbf{m}$

Clearance to R.D. or

N.W.L.:

Max Depth of N.W.L.: 2.5 m

Spans:

Span No.: Length Span No.: Length 1 15.3 4 2 0 5 0 3 0 6 0

BRIDGE PHOTOS





SUBSTRUCTURE

F2 - Fair F2 - Fair Condition: Bearings:

> F2 - Fair **Bearing Seat:**

Steel Sheet pile foundation/footing abutment one. Abutment 2 foundation solid rock. Steel reinforced elastomeric Comments:

bearing pads, 16 total.

SUPERSTRUCTURE

Condition: F2 - Fair I - Inapplicable **Expansion Joints:**

Comments: 8 CPSI post tensioned girders. No expansion joints. Intergral design.

DECK

Condition: F2 - Fair Curbs: F2 - Fair

Hand Rail: F2 - Fair F2 - Fair **Roadway Condition:**

| F2 - Fair sealant/caulking is being pulled out of saw on abutment 1. | cuts and should be repla | ced. ACP deteriorati | ng around sawcut located |
|--|--|---|--|
| | | | |
| | | | |
| 0.5 m/s | Ice Problem: | N - No Problem | |
| 2 m | Scour Problem: | N - No Problem | |
| 01 - Adequate | Debris Problem: | N - No Problem | |
| | | | |
| ILITATION | | | |
| | Replacement Year: | | |
| \$0 | Replacement Cost: | \$0 | |
| Replace Sealant in saw cuts to prevent further problems. | | | |
| | | | |
| F2 - Fair | Requires Further Inspection: | No | |
| Structure built in 2012 to replace bridge damaged by Hurricane Igor. Work was completed on this structure in 2017 to repair loss of fill from Abutment 2 left. Work included amour stone laid on Non woven Geotextile adjacent to Abutments 1 and 2 left. Rock embedded gutters were replaced as part of the Work. | | | |
| F2 - Fair. C - Unsafe (Closed to F1 - Fair. U - Uninspectable. P3 - Poor. I - Inapplicable. P1 - Poor. P - Poor. P - Poor. es below: est should be documented by pnotograph ing P3, P1, P1 or C scour, debris, waterway problems | Public). N - No P - Pos K - Kno | Problem. ssible Problem. own Problem. | Category Definitions: Maint - Maintenance. Eng Engineering. Office - Bridge Office. |
| | 2 m 01 - Adequate Structure built in 2012 to replace bridge da 2017 to repair loss of fill from Abutment 2 to Abutments 1 and 2 left. Rock embedded F2 - Fair. F1 - Fair. F1 - Fair. F1 - Fair. P3 - Poor. P1 - Poor. | 2 m Scour Problem: 01 - Adequate Debris Problem: Replacement Year: \$0 Replacement Cost: Replace Sealant in saw cuts to prevent further problems. F2 - Fair Requires Further Inspection: Structure built in 2012 to replace bridge damaged by Hurricane Igor 2017 to repair loss of fill from Abutment 2 left. Work included amour to Abutments 1 and 2 left. Rock embedded gutters were replaced as Problems. F2 - Fair. F1 - Fair. F2 - Fair. F2 - Fair. F3 - Fair. F1 - Fair. F1 - Fair. F2 - Fair. F2 - Fair. F3 - Fair. F3 - Fair. F4 - Fair. F1 - Fair. F2 - Fair. F3 - Fair. F3 - Fair. F3 - Fair. F4 - F4 | 2 m Scour Problem: N - No Problem 01 - Adequate Debris Problem: N - No Problem N - No Problem Replacement Year: \$0 Replace Sealant in saw cuts to prevent further problems. F2 - Fair Requires Further Inspection: Structure built in 2012 to replace bridge damaged by Hurricane Igor. Work was complete 2017 to repair loss of fill from Abutment 2 left. Work included amour stone laid on Non w to Abutments 1 and 2 left. Rock embedded gutters were replaced as part of the Work. F2 - Fair. F1 - F1 |

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