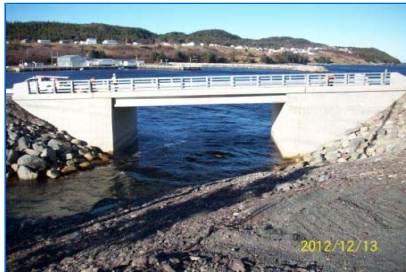

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Works	BRIDGE INSPECTION REPORT B03022018-1 Printed: Wednesday, October 3, 2018	
Date: 9/15/2017	Inspected By: AF	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-067 - PLATE COVE WEST BRIDGE		
Route:	235	Overall Length:	33.8 m
Year Built:	2012	Est: No	Overall Width: 10.3 m
Year Last Rehab.:		Est: No	Roadway Width: 9 m
Region:	CENTRAL EAST	Sidewalk Width:	0 m
Jurisdiction:	Provincial	Clearance to R.D. or N.W.L.:	4 m
Type of Structure:	01 - AASH to Girder	Max Depth of N.W.L.:	2.5 m
Purpose of Structure:	03 - Over Navigable Waters	Spans:	
Type of Handrail:	04 - Steel Rail	<u>Span No.:</u>	<u>Length</u>
Roadway Surface:	02 - Asphalt	Span No.: 1	Length: 15.3
Alignment Vertical:	01 - Good	Span No.: 2	Length: 0
Alignment Horizontal:	01 - Good	Span No.: 3	Length: 0
Restrictions:	No	Span No.: 4	Length: 0
		Span No.: 5	Length: 0
		Span No.: 6	Length: 0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair (Inspection within 2 Years)	Bearings:	F2 - Fair (Inspection within 2 Years)
		Bearing Seat:	F2 - Fair (Inspection within 2 Years)
Comments:	Steel Sheet pile foundation/footing abutment one. Abutment 2 foundation solid rock. Steel reinforced elastomeric bearing pads, 16 total.		
SUPERSTRUCTURE			
Condition:	F2 - Fair (Inspection within 2 Years)	Expansion Joints:	I - Inapplicable
Comments:	8 CPSI post tensioned girders. No expansion joints. Integral design.		
DECK			
Condition:	F2 - Fair (Inspection within 2 Years)	Curbs:	F2 - Fair (Inspection within 2 Years)
Hand Rail:	F2 - Fair (Inspection within 2 Years)	Roadway Condition:	F2 - Fair (Inspection within 2 Years)

Approach Rail: F2 - Fair (Inspection within 2 Years)
Comments: sealant/caulking is being pulled out of saw cuts and should be replaced. ACP deteriorating around sawcut located on abutment 1.

HYDROLOGY

Water Velocity:	0.5 m/s	Ice Problem:	N - No Problem
Water Depth:	2 m	Scour Problem:	N - No Problem
Waterway:	01 - Adequate	Debris Problem:	N - No Problem
Comments:			

REPLACEMENT/REHABILITATION

Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$0.00	Replacement Cost:	\$0.00
Recommendations: Replace Sealant in saw cuts to prevent further problems.			

OBSERVATIONS

Overall Condition: F2 - Fair (Inspection within 2 Years) **Requires Further Inspection:** No

Additional Observations: 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.

LEGEND:

Condition Definitions:			Problem Definitions:	Category Definitions:
1 - *Good - [discontinued code].	F2 - Fair (Inspection within 2 Years).	C - Unsafe (Closed to Public).	N - No Problem.	Maint. - Maintenance.
2 - *Fair - [discontinued code].	F1 - Fair (Inspection within 1 Year).	U - Uninspectable.	P - Possible Problem.	Eng. - Engineering.
3 - *Poor - [discontinued code].	P3 - Poor (Repair within 3 Years).	I - Inapplicable.	K - Known Problem.	Office - Bridge Office.
4 - *Unsafe - [discontinued code].	P1 - Poor (Repair within 1 Year).		NA - Not Applicable.	
G - Good (Inspection within 2 Years).	P - Poor (Immediate Repair).			

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