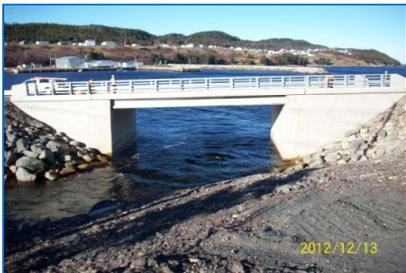


	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	BRIDGE INSPECTION REPORT B08312023-5	
Date: 8/21/2023	Inspected By: Darrell Avery	Category: Eng. - Engineering	
BRIDGE INFORMATION			
Site:	2-067 - PLATE COVE WEST BRIDGE		
Route:	235	Overall Length:	33.8 m
Year Built:	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	Span No.:	Length
Roadway Surface:	02 - Asphalt	1	15.3
Alignment Vertical:	01 - Good	2	0
Alignment Horizontal:	01 - Good	3	0
Restrictions:	No	4	0
		5	0
		6	0
BRIDGE PHOTOS			
			
SUBSTRUCTURE			
Condition:	F2 - Fair	Bearings:	F2 - Fair
		Bearing Seat:	F2 - Fair
Comments:	Previous Inspection - Steel Sheet pile foundation/footing abutment one. Abutment 2 foundation solid rock. Steel reinforced elastomeric bearing pads, 16 total.		
SUPERSTRUCTURE			
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable
Comments:	Previous inspection - 8 CPSI post tensioned girders. No expansion joints. Intergral design. spall on bottom of Girder 2 bottom.		
DECK			
Condition:	F2 - Fair	Curbs:	F2 - Fair

Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair
Approach Rail:	F2 - Fair		
Comments:	Previous inspection - Sealant/caulking is being pulled out of saw cuts and should be replaced. ACP deteriorating around sawcut located on abutment 1. There is no structural rail on the 4 corners. New inspection - erosion at Abut. #2 left shoulder and sand windrow.		
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:	\$tbd	Replacement Cost:	\$tbd
Recommendations:	Replace Sealant in saw cuts to prevent further problems. Repair shoulder at Abut. #2 left shoulder.		
OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	previous inspection - 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.		

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.