

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B11172023-5</b>	
Date: 11/17/2023		Inspected By: Darrell Avery		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		2-101 - ARNOLD'S COVE STATION BRIDGE - R2-1-04			
<b>SUBSTRUCTURE</b>					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Previous inspection - Treated timber abutments and bearing seat. Concrete scour repairs made following Hurricane Igor. Old creosote abutments and superstructure left in place under new structure is in unsafe condition but cannot be accessed.				
<b>SUPERSTRUCTURE</b>					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Previous inspection - Six panel Mabey Compact 200 single lane bridge.				
<b>DECK</b>					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	I - Inapplicable	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Previous inspection - 100mm x 150mm treated timber chesses, 50mm raceway. 150mm x 150mm treated timber curbs. Approach to abutment one paved 2014, approach to abutment two gravel. New inspection - Timber raceway repaired.				
<b>HYDROLOGY</b>					
Water Velocity:	0.5 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.3 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Previous inspection - Gabion adjacent to Abutment 2 left damaged by ice.				
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$tbd	Replacement Cost:	\$tbd		
Recommendations:					
<b>OBSERVATIONS</b>					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Previous Inspection - Hydraulic rip rap placed all four corners. Upstream gabions toppled during Hurricane Igor and are buried under rip rap.				