

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B11152023-6</b>	
Date: 11/15/2023		Inspected By: Darrell Avery		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		2-106 - HATCHET COVE BRIDGE - R205-11-3			
<b>SUBSTRUCTURE</b>					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	U - Uninspectable		
Comments:	Previous inspection - Abutment walls closed face creosote timber 150mm x 200mm. Wing walls open face 150mm x 150mm creosote timber. Light weathering and cracking throughout. Abutment one right wing wall leaning. Due to unsafe armor stone, the Bearing Seat was uninspectable. Abutment 1 Right armor stone has, and continues to fall into brook.				
<b>SUPERSTRUCTURE</b>					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Previous inspection - 5 - 250mm x 300mm creosote timber beams. Light weathering and cracking				
<b>DECK</b>					
Condition:	F1 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	F2 - Fair				
Comments:	Previous inspection - 75mm x 150mm creosote chesses. 50mm timber wearing surface. Timber bridge rail. Bridge is narrow. New inspection - Approach 1 & 2 asphalt very deteriorated & guiderail posts leaning.				
<b>HYDROLOGY</b>					
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem		
Water Depth:	1 m	Scour Problem:	K - Known Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Previous inspection - 2017 inspection reported abutment two upstream half scoured 0.5m below bottom of crib, 0.4m under from face of crib. This was not evident in 2021. This inspection noted that the Abutment one, right rip-rap was placed on too steep of a grade with the bottom half falling into the stream. the remaining stone along the top of the bank is perched, making it unsafe to access the abutments for inspection. New inspection - possible scour at abutment #2 right side at approx. 0.2m deep.				
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$tbd	Replacement Cost:	\$tbd		
Recommendations:	Previous inspection - Place additional rip-rap along abutment to stabilize the bank and make the area safe. Complete the inspection of the abutment. Consider replacing the bridge with a soil aluminum structure. New inspection - Repair approach asphalt & guiderail.				
<b>OBSERVATIONS</b>					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					