

	GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure	<b>BRIDGE INSPECTION REPORT</b> <b>B02012024-9</b>
<b>Date:</b> 11/24/2023	<b>Inspected By:</b> Strugnell	<b>Category:</b> Eng. - Engineering
<b>BRIDGE INFORMATION</b>		
<b>Site:</b>	3-060 - SWANGER'S COVE BRIDGE - R361	
<b>SUBSTRUCTURE</b>		
<b>Condition:</b>	F2 - Fair	<b>Bearings:</b> F2 - Fair
		<b>Bearing Seat:</b> F2 - Fair
<b>Comments:</b>	Hairline cracking in abutments with a small spall downstream at abutment two	
<b>SUPERSTRUCTURE</b>		
<b>Condition:</b>	F2 - Fair	<b>Expansion Joints:</b> F2 - Fair
<b>Comments:</b>	Expansion joints full of sand, cracking in joint dams	
<b>DECK</b>		
<b>Condition:</b>	F2 - Fair	<b>Curbs:</b> F2 - Fair
<b>Hand Rail:</b>	F2 - Fair	<b>Roadway Condition:</b> F2 - Fair
<b>Approach Rail:</b>	F2 - Fair	
<b>Comments:</b>	Minor settlement at approaches, medium crack in side walk	
<b>HYDROLOGY</b>		
<b>Water Velocity:</b>	0 m/s	<b>Ice Problem:</b> N - No Problem
<b>Water Depth:</b>	0 m	<b>Scour Problem:</b> N - No Problem
<b>Waterway:</b>	01 - Adequate	<b>Debris Problem:</b> N - No Problem
<b>Comments:</b>	Rip rap at all four corners of bridge, but no rip rap along the side footings bottom of abutments, water flowing very fast during inspection and tide was high	
<b>REPLACEMENT/REHABILITATION</b>		
<b>Next Rehab. Date:</b>		<b>Replacement Year:</b>
<b>Antic. Rehab. Cost:</b>	\$0	<b>Replacement Cost:</b> \$0
<b>Recommendations:</b>	Install two buried ends a exits, place rip rap along the sides of footings bottom of abutments on both sides to prevent any scour	
<b>OBSERVATIONS</b>		
<b>Overall Condition:</b>	F2 - Fair	<b>Requires Further Inspection:</b> No
<b>Additional Observations:</b>	Bridge built in 2018, no buried ends at exits, inspect when low flows and low tide	