

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B01312024-11</b>	
<b>Date:</b> 10/30/2023		<b>Inspected By:</b> Strugnell/Hodder		<b>Category:</b> Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
<b>Site:</b>		3-084 - GREENSPOND TICKLE CAUSEWAY BRIDGE - R			
<b>SUBSTRUCTURE</b>					
<b>Condition:</b>		F2 - Fair		<b>Bearings:</b>	
				F2 - Fair	
				<b>Bearing Seat:</b>	
				F2 - Fair	
<b>Comments:</b>		Cracks in bearing pads, narrow vertical cracks in abutments, debris on bearing seat from loss of material from erosion near expansion joint			
<b>SUPERSTRUCTURE</b>					
<b>Condition:</b>		F2 - Fair		<b>Expansion Joints:</b>	
				P3 - Poor	
<b>Comments:</b>		Expansion joints paved over, possible leaking, asphalt cracking around expansion joints paved in 2021, hairline cracking in bottom of girders			
<b>DECK</b>					
<b>Condition:</b>		F2 - Fair		<b>Curbs:</b>	
				F1 - Fair	
<b>Hand Rail:</b>		F2 - Fair		<b>Roadway Condition:</b>	
				F2 - Fair	
<b>Approach Rail:</b>		F2 - Fair			
<b>Comments:</b>		Not structural rail, hand rails ok, spalls in curbs around expansion joints, deck underside looks ok			
<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>		Tidal action, water very deep			
<b>REPLACEMENT/REHABILITATION</b>					
<b>Next Rehab. Date:</b>			<b>Replacement Year:</b>		
<b>Antic. Rehab. Cost:</b>			<b>Replacement Cost:</b>		
\$0			\$0		
<b>Recommendations:</b>		Replace expansion joints, repair curbs, install new navigation lights, install hazard markers			
<b>OBSERVATIONS</b>					
<b>Overall Condition:</b>		F2 - Fair		<b>Requires Further Inspection:</b>	
				No	
<b>Additional Observations:</b>		Waterline attached to bridge on north side, no navigation lights, hazard markers missing			