

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B03252024-3</b>	
Date: 9/26/2023		Inspected By: M Button / T Upshall		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		TCH-104 - PADDY'S POND UNDERPASS - R1			
<b>SUBSTRUCTURE</b>					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Very severe spall with exposed corroded reinforcement to NW wingwall. Medium vertical/pattern cracking in NE wingwall.				
<b>SUPERSTRUCTURE</b>					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Severe spalling and wide horizontal crack in south soffit/curb fascia. Hairline pattern cracking in frame leg faces. Numerous narrow longitudinal/pattern cracking in deck soffit. Medium to wide vertical/horizontal cracks with light efflorescence and medium spalling to exterior face of frame legs. Medium scaling to all concrete surfaces.				
<b>DECK</b>					
Condition:	P3 - Poor	Curbs:	P3 - Poor		
Hand Rail:	F2 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	P3 - Poor				
Comments:	SW guiderail not attached to end block with severe deformation. Severe abrasions, narrow vertical/pattern cracking with exposed corroded reinforcement in end blocks. Narrow pattern cracking in NE/NW sidewalk. Hairline longitudinal cracks in sidewalk. Severe abrasion damage to SW curb causing it to break into multiple pieces. Narrow vertical cracks and light abrasions in curb face. Severe potholes exposing deck and waterproofing. Medium transverse cracking in asphalt surface at approaches. Medium raveling and wheel track rutting on driving surface. Graffiti covering wingwalls, frame legs and center pier. No structural guiderail. Sand accumulating along curbs and top of sidewalks. Hazard markers installed but not standard dimensions.				
<b>HYDROLOGY</b>					
Water Velocity:	n/a m/s	Ice Problem:	NA - Not Applicable		
Water Depth:	n/a m	Scour Problem:	NA - Not Applicable		
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable		
Comments:					
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:	2025	Replacement Year:	2045		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Install structural guiderail with hazard markers. Repair concrete defects. Resurface asphalt deck.				
<b>OBSERVATIONS</b>					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	New standard guiderail installed on Route 1 during inspection.				