

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B03202024-2</b>	
Date: 8/25/2023		Inspected By: M Button / T Upshall		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		TCH-157 - HODGEWATER LINE OVERPASS - WESTBOUND - R1			
<b>SUBSTRUCTURE</b>					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Hairline pattern cracking in faces of frame legs with medium vertical cracks travelling through haunch into deck soffit with light efflorescence. Narrow pattern cracking in all wingwalls. Narrow transverse cracks in sloped paving. Severe spalling to concrete surface of SE wingwall and sloped paving due to vehicle fire.				
<b>SUPERSTRUCTURE</b>					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:					
<b>DECK</b>					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Hairline transverse cracking in deck soffit. Wide vertical crack in deck fascia above haunch NE corner. Construction joint NE haunch starting to open up along deck soffit. Narrow horizontal/vertical/pattern cracks in curb and deck fascia. Caulking to control joints on curb deteriorated. Wide crack to construction joint along exterior curb/deck fascia. Wide pattern cracking in all end blocks. Medium deformations to south aluminum handrail due to extreme heat from vehicle fire. Deck soffit and aluminum handrail covered in soot. No structural guiderail. SE hazard marker missing. Medium wheel track rutting to asphalt surface.				
<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:	2024	Replacement Year:	2050		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Install hazard marker SE corner. Repair defected concrete. Repair aluminum handrail. Install structural guiderail.				
<b>OBSERVATIONS</b>					
Overall Condition:	P3 - Poor	Requires Further Inspection:	Yes		
Additional Observations:	P3 – Damage to wingwall and sloped paving from vehicle fire. Bridge office should re-inspect.				