

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03202024-3	
Date: 8/25/2023		Inspected By: M Button / T Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-154 - HODGEWATER LINE OVERPASS - EASTBOUND - R1			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Wide horizontal cracks in sloped paving between structures. Narrow/medium pattern cracking in faces of wing walls and frame legs. Severe spalling to concrete surface of NE wingwall and sloped paving due to vehicle fire. Medium vertical cracks in frame legs.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:					
DECK					
Condition:	P3 - Poor	Curbs:	P3 - Poor		
Hand Rail:	P3 - Poor	Roadway Condition:	P3 - Poor		
Approach Rail:	F1 - Fair				
Comments:	Wide angular shear crack above SE haunch on deck fascia. Hairline transverse/longitudinal cracking in deck soffit. Wide horizontal crack in south curb fascia. Medium efflorescence leaking from curb/deck construction joint and wingwall/deck joint. Wide horizontal crack along construction joint exterior curb soffit/deck fascia. Severe delamination, severe spalling with exposed reinforcement and very wide vertical/pattern cracking in west end blocks. Severe spalling/disintegration to NW curb beneath end block. Wide horizontal/vertical cracks in east end blocks. Wide longitudinal crack with medium abrasions to top of curb. Severe pot holes to asphalt driving surface exposing concrete deck. Medium transverse crack in asphalt at approach slab/deck joint. Severe deformation to NW aluminum handrail post. Medium deformation to south aluminum handrail. Caulking to control joints on curb deteriorated.				
HYDROLOGY					
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:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2024	Replacement Year:	2050		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair defected concrete. Repair aluminum handrail. Resurface deck and approaches. Install structural guiderail. Paint over graffiti.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	P3 - West end blocks, aluminum handrail post, curbs, asphalt.				

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.