

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B06022023-1	
Date: 5/28/2023		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-179 - LOGY BAY RD. OVERPASS - R1			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F1 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Pot bearings contain medium corrosion with protective coating peeling off. Slider contact area in good condition. No observed defects to elastomeric bearings (SW bearing contains embedded wood). Both abutment bearing seats in good condition. Wingwalls in good condition. Medium vertical cracks in MSE coping. MSE wall covered in graffiti. Safety steel handrail light surface corrosion.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor		
Comments:	Deck soffit in good condition. Light honeycombing in soffit between west bearings. Wide longitudinal/transverse cracks with severe spalling to west expansion joint concrete dam. (P3 concrete). East/West expansion joint seals covered in sand with light abrasions and surface corrosion.				
DECK					
Condition:	F2 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Medium vertical cracking to interior/exterior barrier walls with medium scaling. North and south fascia's have narrow vertical cracking throughout. Wide crack in NE fascia near expansion joint. Light wheel track rutting to surface asphalt. Approach rail in fair condition. No hazard markers.				
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:	2070		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair west expansion joint dam. Remove sand from expansion joint seals. Install hazard markers. Remove rust and apply protective coating to pot bearings.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	P3 West expansion joint. F1 Corrosion to pot bearings. F2 Remainder				