

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B09282023-1	
Date: 5/28/2023		Inspected By: JDawe		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		TCH-182 - PORTUGAL COVE ROAD OVERPASS WEST - R1			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F1 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	- Some flaking concrete on bearing seat - Bearings: coating flaking, light scaling - Narrow cracks in abutment, ballast wall, and piers.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	F1 - Fair		
Comments:	- Expansion joints possibly leaking. Efflorescence underneath expansion joints. - East expansion joint (approach 1) has damage to seal retainer, medium potholes and debris in the seal. - West expansion joint (approach 2) has damage to seal retainer, medium potholes, medium abrasion and debris in the seal. - Deck soffit has hairline map cracking. - Medium efflorescence along construction joint of angled deck soffit.				
DECK					
Condition:	F1 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F2 - Fair	Roadway Condition:	I - Inapplicable		
Approach Rail:	F2 - Fair				
Comments:	- Very little asphalt close to joints (less than 20 mm), notches in steel on joints - Seals in barriers should be replaced - South barrier has numerous vertical cracks. North barrier has hairline map cracking. - One wide crack in fascia on east abutment on north side. - 3 Hazard markers missing - Guiderail on southeast corner has light corrosion. - Some guiderail posts damaged. - Asphalt is raveling. - Pothole near west expansion joint that exposes concrete approach slab.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	NA - Not Applicable		
Water Depth:	0 m	Scour Problem:	NA - Not Applicable		
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2026	Replacement Year:	2074		
Antic. Rehab. Cost:	\$250000	Replacement Cost:	\$5000000		
Recommendations:					
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Traffic control required for inspection Hazards include: slipping, tripping, falling				