

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B06042023-1	
Date: 5/28/2023		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-186 - GROVES ROAD OVERPASS EAST - R1			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	All wingwalls have medium vertical cracks and hairline map cracking. MSE retaining wall covered in graffiti with no other observed defects. Medium spall to SE coping. Light surface corrosion to MSE steel handrail. Unable to inspect bearings and bearing seat due to restricted access. Exterior bearings are visible and appear in good condition. Sand/gravel accumulating on bearing seat.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F1 - Fair		
Comments:	Numerous hairline cracks in deck soffit. Narrow vertical cracks and hairline map cracking to north/south deck fascia. Unable to inspect expansion joint leakage due to access. Expansion joint (asphaltic plug joint) heavy wear with exposed aggregate.				
DECK					
Condition:	F2 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	P3 - Poor				
Comments:	Medium wheel track rutting to asphalt surface with medium pot holes exposing the west approach slab. Narrow vertical cracks in interior/exterior barrier handrail with severe abrasion to NW corner. Sand buildup accumulating along base of barrier walls. Approach/exit rails have no hazard markers. Approach guiderail blocking shifting and showing signs of rot (P3).				
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:	2025	Replacement Year:	2070		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair pot holes on asphalt surface. Bridge deck requires sand/debris removed. Bearing corners require vegetation and debris removal. Monitor plug joints on future inspections. Repair approach/exit rails and add hazard markers.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	P3 Approach/exit rail. F1 Expansion Joint. F2 Remainder				