

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01272025-1	
Date: 1/21/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-343 - BURNT HILL ROAD OVERPASS - R3			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Assumed condition of partially buried slab footings. Hairline map cracks in some MSE wall panels. MSE coping at all corners are shifting creating gaps between each section. Two sections of wall have concrete cracked off. Inspection of bearing pads restricted due to location and height. No observed defects to bearings visible from embankments. Medium surface rusting on steel safety rails atop MSE walls. MSE walls and pre-cast coping covered in graffiti. One section of coping at SE corner has been hoisted up and is resting on top of the adjacent coping.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Medium wearing/abrasion to expansion joint striker plates. Narrow longitudinal cracks, medium abrasion, and light spalling to concrete expansion joint dams. Expansion joint seals near concrete barriers blocked with debris.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Numerous hairline transverse cracks in deck soffit. Majority of the cracks are located at midspan then decrease as you approach the bearings. Numerous vertical hairline cracks in east/west fascia and curbs with light efflorescence deposits. Light scaling to concrete barriers. Curb/sidewalks on Burnt Hill Road covered in gravel. No hazard markers on Route 3. Posts are still connected to guiderail. Missing and incorrect placement of hazard markers on Burnt Hill Road. Structural approach/exit guiderail posts contain wide cracks, rot, and rotated blocking. Medium transverse asphalt cracks at approaches. Light corrosion to guiderail shoe bolts. Barriers covered in graffiti. Grass growing along barrier walls.				
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:	2026	Replacement Year:	2050		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Install new hazard markers on Route 3 and Burnt Hill Road. Remove debris from expansion joint seals. Remove graffiti. Adjust coping placement on MSE walls. Clean out existing ditch inlet at SW corner of structure.				

OBSERVATIONS			
Overall Condition:	F2 - Fair	Requires Further Inspection:	No
Additional Observations:	A swale has been excavated along the south curb in the roadway on Burnt Hill Road. There is a ditch inlet located at the SW corner that may be causing drainage issues during high rainfall.		

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2026.