

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04092023-4	
Date: 4/3/2023		Inspected By: Trevor Upshall		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 large gaps. Two sections of wall have concrete cracked off. Inspection of bearing pads restricted due to location and height. No observed defects to visible bearings. Medium surface rusting on steel safety rails atop MSE walls. MSE walls and pre-cast coping covered in graffiti.				
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:	U - Uninspectable		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Numerous hairline transverse cracks in deck soffit. Numerous vertical hairline cracks in east/west fascia and curbs with light efflorescence deposits. Light scaling to concrete barriers. Unable to inspect curbs on Burnt Hill Road due to snow. No hazard markers. Posts are still connected to guiderail. Structural approach/exit guiderail posts contain wide cracks, rot, and rotated blocking. Medium transvers asphalt cracks at approaches. Light corrosion to guiderail shoe bolts. Barriers covered in graffiti.				
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:	Medium embankment erosion under rock embedded gutter.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2026	Replacement Year:	2050		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Install 4 hazard markers. Remove debris from expansion joint seals. Remove graffiti. Adjust coping on MSE walls.				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Unable to inspect curbs on burnt hill road due to snow.				