

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03252024-1	
Date: 9/26/2023		Inspected By: M Button / T Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-136 - AVONDALE ACCESS ROAD UNDERPASS - R63			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Light pattern cracking in center piers. Ballast walls severely stained of rust. Wide transverse crack in sloped paving concrete gutter with severe erosion of the supporting backfill material. Light surface corrosion to bearings. Exposed steel form ties in abutment faces.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F1 - Fair		
Comments:	Light spalling with exposed corroded reinforcement in deck fascia over bearing seat. Severe deterioration to expansion joint caulking. Hairline vertical cracks in wingwalls. Hairline pattern cracking in deck soffit over bearing seat. Light damage to steel expansion joint anchor plate.				
DECK					
Condition:	F2 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F1 - Fair				
Comments:	Narrow pattern cracking in end blocks. Medium scaling to surface of end blocks and curbs. Narrow vertical cracks in curb fascia adjacent to expansion joint. Medium deformation to west aluminum handrail. Severe deformation to west aluminum post. Missing hazard markers on north side. Deformation to SE exit rail. Severe decay to guiderail posts. Sand accumulating along curbs and expansion joint seals. Medium alligator cracking and raveling to asphalt surface.				
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:	2030	Replacement Year:	2060		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Install structural guiderail with hazard markers on new posts. Clean debris from deck and expansion joint seals.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:					