

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01222025-6	
Date: 1/21/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-379 - BUTLERS PIT ROAD UNDERPASS - R60			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Assumed condition of buried reinforced concrete abutment footings. Narrow vertical cracks with light efflorescence deposits in faces of abutments and ballast walls. Light surface corrosion to bearing base plates F1. Medium abrasion to concrete abutments adjacent to raceway due to vehicle traffic.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Deflection observed in steel truss structure. Multiple loose bolts were found along top compression chord. Light surface corrosion to panel pin/clips. Unable to properly inspect steel transoms, stringers, bracing, and timber chesses due to traffic and height restrictions. Transom/stringer surfaces covered in silt leaking from raceway. Water ponding along top chords at bolted connections with no drainage. Overall, all superstructure components are in fair condition with minimal defects to galvanized coating.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Medium abrasion to timber curbs and outside edges of timber raceway. Salt, sand, and wooden splinters accumulating along timber and concrete curbs. Narrow vertical cracks with light efflorescence deposits in 4 end blocks. Wide transverse cracks in asphalt along edge of north approach slab. Edge of slab exposed with medium dip in road at this location. Missing hazard markers.				
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:	2032	Replacement Year:	2085		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace damaged timber raceway and curbs. Install hazard markers.				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					