

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03262024-1	
Date: 9/26/2023		Inspected By: M Button / T Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-134 - MANUEL'S RIVER SPILLWAY CULVERT - R1			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	SW wingwall/frame leg vertical construction joint medium spalling and medium vertical crack. Medium to severe erosion to face of wingwalls and frame legs. Medium scour to frame leg footings. Areas of footings previously rehabbed to fix scour issues. Narrow vertical cracks and medium scour to concrete footing repairs.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Medium horizontal/vertical cracks with light efflorescence deposits on south deck fascia. Narrow longitudinal/transverse cracks in deck soffit. Hairline vertical cracks in face of frame legs. Light deposits of efflorescence leaking from construction joint. Grout covering form ties spalling off exposing steel.				
DECK					
Condition:	F2 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	I - Inapplicable	Roadway Condition:	I - Inapplicable		
Approach Rail:	F1 - Fair				
Comments:	Light surface corrosion to approach rail. Graffiti coving frame legs and wingwalls. No hazard markers.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2030	Replacement Year:	2040		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Install safety handrail. Repair concrete defects. Remove graffiti.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:					