

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B11052025-2	
Date: 11/5/2025		Inspected By: Megan/Heidi		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		TCH-106 - MANUEL'S RIVER SPILLWAY BRIDGE - R1			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	Abutment corners have severe section of disintegration under areas of missing curb deck soffit. Spalling and cracks with efflorescence in abutment corners. Wide spread map cracking extending from all corners over abutment faces. Narrow and hairline cracking in abutments. East abutment has moderate erosion at waterline. Wingwalls have wide cracks with efflorescence, wet pattern cracking, and narrow and hairline cracks.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	U - Uninspectable		
Comments:	Deck soffits and monolithic concrete beams have pattern hairline map cracking throughout. Two of the interior beams have been provided with additional support at each abutment using steel corbels. Exterior curb and deck soffit have sever disintegration and spalling. Wide cracking with efflorescence and wet pattern map cracking throughout exterior soffit. Remaining beam and soffit areas contain hairline to narrow cracking.				
DECK					
Condition:	F1 - Fair	Curbs:	P3 - Poor		
Hand Rail:	P1 - Poor	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Top hand rail missing on north side. Exterior of curbs have wide cracks, localized areas of disintegration and spalling exposing reinforcement. Light raveling in asphalt wearing surface.				
HYDROLOGY					
Water Velocity:	n/a m/s	Ice Problem:	NA - Not Applicable		
Water Depth:	n/a m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	NA - Not Applicable		
Comments:	Erosion noted on abutments.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:					
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	Refer to BMS for detailed OSIM inspection.				