

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B11152023-4	
Date: 11/15/2023		Inspected By: Darrell Avery		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-014 - DEEP BIGHT RIVER BRIDGE - R1			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Previous inspection - Concrete footings, abutments and wing walls. Erosion and scaling of footings. Some light cracking in abutments and wing walls. Water and efflorescence due to leaking vertical construction joints - with active wet areas and some spalling. Two joints per abutment wall. Gabion retaining structures abutment one and two right side.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Previous inspection - Light cracking of soffit. Water and efflorescence due to leaking construction joints - with active wet areas and some spalling. Two joints. New inspection - section of erosion in right slope past structure.				
DECK					
Condition:	U - Uninspectable	Curbs:	I - Inapplicable		
Hand Rail:	I - Inapplicable	Roadway Condition:	I - Inapplicable		
Approach Rail:	I - Inapplicable				
Comments:	Previous inspection - Guide rail on TCH left and right has 200mm x 200m posts with offset blocks. Approximately 5 metres of fill over structure.				
HYDROLOGY					
Water Velocity:	1.5 m/s	Ice Problem:	N - No Problem		
Water Depth:	1 m	Scour Problem:	K - Known Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Previous inspection - Abutment 2 downstream footing is scoured at least 400mm under footing and 50-150mm deep.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$tbd	Replacement Cost:	\$tbd		
Recommendations:					
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Previous inspection - Seal Construction Joints or provide drainage points through them, replace Gabions and repair scour				