

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B11182024-3	
Date: 11/11/2024		Inspected By: M Button / T Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-018 - TERRY'S BROOK BRIDGE - R60			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Rust stains from tie rods throughout abutment faces. Wide horizontal cracking throughout, F1 to P3. Very severe disintegration on northwest abutment corner & wingwall with exposed coarse aggregate (beach rocks), P. Both extension vertical construction joints beginning to open with disintegration and moderate spalling, P3. Severe efflorescence on south abutment on the west/upstream side. No bearings or seat.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable		
Comments:	Exterior deck fascia's have light to moderate scaling, F1. Severe cracking and efflorescence on the upstream/west deck soffit, P3. Light cracking and efflorescence on the east/downstream deck soffit, F1. Center span deck soffit has light map cracking throughout, F1 Deck soffit immediately downstream/east of the east extension construction joint has large delaminated and spalled areas, P1. Old deck fascia at an east extension is disintegrated exposing reinforcement with severe corrosion.				
DECK					
Condition:	P3 - Poor	Curbs:	I - Inapplicable		
Hand Rail:	F1 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	I - Inapplicable				
Comments:	Handrails and curbs are in fair condition F1. – No end blocks, guiderail, or hazard markers. Asphalt on structure and approaches in good condition.				
HYDROLOGY					
Water Velocity:	Slow m/s	Ice Problem:	N - No Problem		
Water Depth:	.2 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	K - Known Problem		
Comments:	Upstream waterway protected with gabions. Severe aggradation along south abutment.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2030		
Antic. Rehab. Cost:	\$N/A	Replacement Cost:	\$\$1,000,000		
Recommendations:	- Replace structure with culverts.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	Water or sewer line penetrating both abutments on the east end of the structure. Continue to monitor condition of deck soffit on future inspections.				