

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B11132024-18	
Date: 11/11/2024		Inspected By: T Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-023 - NORTH ARM RIVER BRIDGE #2 - R60			
SUBSTRUCTURE					
Condition:	P1 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Very wide vertical/horizontal cracks and very severe scour/erosion/disintegration to north footing, P3. Northeast abutment corner has wide cracks with medium disintegration, F1. Wide vertical/horizontal/pattern cracking in frame legs. Medium vertical cracks with medium efflorescence in south footing. Northeast wingwall has a large structural crack, severe disintegration to frame leg joint and has tilted towards the east. Region to monitor for progression, P1. Southwest wingwall has medium to wide vertical cracks with light efflorescence.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Hairline pattern cracking and medium longitudinal cracks with light efflorescence in deck soffit. Narrow longitudinal cracking, medium disintegration/delamination along east and west soffit/fascia corner. Medium disintegration to NE curb/deck fascia.				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F1 - Fair		
Approach Rail:	F2 - Fair				
Comments:	End blocks and guiderail recently rehabbed and in good condition. Medium abrasion/spalling to NW end block. Exit rail low on northeast corner near end block creating falling hazard. Excessive accumulation of sand along deck curbs. Very wide transverse crack in asphalt approach. Graffiti covering substructure.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	K - Known Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Stream alignment flows along north footing only.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2025	Replacement Year:	2035		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair north footing and replace north wingwalls.				
OBSERVATIONS					
Overall Condition:	P1 - Poor	Requires Further Inspection:	No		
Additional Observations:	North footing and wingwalls P1. Remaining structure in fair condition.				