

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02052025-1	
Date: 1/29/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-044 - NORTH RIVER BRIDGE - R70			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	- Wingwalls and abutment corners have less than hairline map cracking likely attributed to plastic shrinkage cracks, F2 - Abutment face/frame legs not inspectable. Assumed to be in good condition.				
SUPERSTRUCTURE					
Condition:	U - Uninspectable	Expansion Joints:	I - Inapplicable		
Comments:	- No expansion joints. Semi-integral structure. Gap for expansion assumed to be maintained. - Deck soffit not inspectable. Assumed to be in good condition.				
DECK					
Condition:	U - Uninspectable	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	G - Good		
Approach Rail:	G - Good				
Comments:	- Guiderail in good condition. - Transverse seal in asphalt cracked. Asphalt otherwise in good condition. - All hazard markers in place. - Curbs snow covered & covered in road gravels. Largely not inspectable. Concrete curbs have regularly spaced medium to wide transverse cracks, F1. - Structure rail/handrail is concrete barrier. Concrete barrier has regularly spaced narrow to medium width vertical cracks which appear reflected onto both the interior and exterior faces, F1.				
HYDROLOGY					
Water Velocity:	m/s	Ice Problem:	P - Possible Problem		
Water Depth:	0 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- Area is tidal. - Bridge not inspectable for scour. Marked to be a possible problem as a result.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2045	Replacement Year:	2100		
Antic. Rehab. Cost:	\$	Replacement Cost:	\$\$5,000,000		
Recommendations:	- No components to repair at the present time. Rehabilitation year is an estimate only. - Remove road gravels from sidewalks				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	- Proper inspection not possible. No access to abutment faces/frame legs or deck soffit. A boat is needed to inspect this bridge.				