

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01172025-3	
Date: 12/20/2024		Inspected By: M Button/S Walsh		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-299 - NORTHWEST POND BROOK BRIDGE - R20			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- Frame legs in fair condition with light concrete erosion at the waterline. Exterior corners repaired in summer 2024. - Wingwalls repaired summer 2024 and in good condition. New corners at the intersection to the frame legs. Faces parged to match new concrete.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	- Deck soffit has honeycombs in numerous locations from original construction and is otherwise defect free.				
DECK					
Condition:	F1 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	G - Good	Roadway Condition:	F1 - Fair		
Approach Rail:	G - Good				
Comments:	- Assumed condition of concrete deck top as its covered in asphalt. Assessment based on deck soffit below, F1. - Approach asphalt has several cracks with surface course potholes, F1 to P3. Bridge deck appears to have been recently paved, G. - Structure rail & end blocks replaced with a new concrete barrier constructed summer 2024, G. - Approach rail replaced with new guiderail structures constructed summer 2024, G. - New hazard markers.				
HYDROLOGY					
Water Velocity:	Slow m/s	Ice Problem:	N - No Problem		
Water Depth:	Shallow m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	- New riprap placed summer 2024.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2040		
Antic. Rehab. Cost:	\$N/A	Replacement Cost:	\$2,000,000		
Recommendations:	- Last rehabilitation (most likely) completed on the structure summer 2024. Replace by 2040 as a current estimate.				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	- Structure in good condition from rehabilitation in summer 2024 under contract 28-23 PSR.				