

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01312024-16	
Date: 10/30/2023		Inspected By: Strugnell/Hodder		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		3-059 - WINDMILL BROOK BRIDGE #1 NORTH - R330			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	U - Uninspectable		
		Bearing Seat:	F1 - Fair		
Comments:	Severe disintegration/spalling in top of abutments at all four corners with rebar exposed				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	U - Uninspectable		
Comments:	Expansion joints paved over, both outside double tees spalled and disintegrated with cables exposed, inside double tees looks ok				
DECK					
Condition:	F1 - Fair	Curbs:	P3 - Poor		
Hand Rail:	P3 - Poor	Roadway Condition:	F2 - Fair		
Approach Rail:	P3 - Poor				
Comments:	Severe disintegration/spalling of concrete along edge of bridge entire length with rebar visible, handrail post undermined, approach rail has old creosote post and not structural rail				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Water too high to see underneath bridge, water flows directly at abutment one, possible scour at this location rip rap required, medium flow during inspection				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Rehab/replace double tees both outside, rehab edge of bridge, replace expansion joints, install new curbs, new structural rails or replace with multiplate				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	Salmon river				