

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B05062022-4	
Date: 4/29/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-020 - O'DONNELL'S BRIDGE - R94			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	G - Good		
		Bearing Seat:	G - Good		
Comments:	Narrow vertical cracks and hairline map cracks in faces of all four wing walls.				
SUPERSTRUCTURE					
Condition:	G - Good	Expansion Joints:	G - Good		
Comments:	CPCI 1400 girders.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Narrow transverse cracks in deck soffit. Narrow vertical cracks in concrete barrier walls. NE/SW hazard markers missing. Medium asphalt edge cracks and slope erosion to NW/NE corner of structure. Both SE/SW concrete gutters severely undermined from erosion exposing rebar.				
HYDROLOGY					
Water Velocity:	Tidal m/s	Ice Problem:	P - Possible Problem		
Water Depth:	m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2045	Replacement Year:	2090		
Antic. Rehab. Cost:	\$50,000.00	Replacement Cost:	\$3,500,000.00		
Recommendations:	Install NE/SW hazard markers. Repair erosion to concrete gutters.				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					