

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B05242024-10</b>	
Date: 5/22/2024		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		1-352 - BANNERMAN LAKE ROAD BRIDGE - R75			
<b>SUBSTRUCTURE</b>					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Assumed condition of buried reinforced concrete frame leg footings.				
<b>SUPERSTRUCTURE</b>					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Medium vertical/angular cracks with light efflorescence deposits in frame legs. Medium longitudinal/angular cracks with light efflorescence deposits in deck soffit travelling vertically through haunch into frame legs. Hairline pattern cracking in deck soffit. Medium pop outs and abrasions to exposed concrete deck. Numerous medium longitudinal/transverse cracks in exposed deck surface.				
<b>DECK</b>					
Condition:	F2 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Severe bulging and movement of welded wire mesh retaining walls. Contents of baskets falling out along frame legs due to bulging. Erosion and settlement of NE embankment causing steel safety rail to tilt towards Bannerman Lake Road. Light surface corrosion to steel safety handrail. Narrow vertical cracks in concrete barrier walls. Hairline vertical/pattern cracking in fascia. NE/NW/SE hazard markers missing. No overhead clearance signs on Bannerman Rd. Graffiti covering frame legs.				
<b>HYDROLOGY</b>					
Water Velocity:	n/a m/s	Ice Problem:	NA - Not Applicable		
Water Depth:	n/a m	Scour Problem:	NA - Not Applicable		
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable		
Comments:					
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:	2030	Replacement Year:	2080		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Monitor bulging welded wire retaining walls and repair baskets to contain contents. Address erosion problem at NE corner and install new safety rail. Install new hazard markers and overhead clearance signs. Remove graffiti from concrete surfaces.				
<b>OBSERVATIONS</b>					
Overall Condition:	P3 - Poor	Requires Further Inspection:	Yes		
Additional Observations:	P3 – Bulging and erosion to welded wire retaining walls. Bridge office should reinspect.				