

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B01232023-6</b>	
Date: 1/13/2023		Inspected By: Jeff Ward		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		1-042 - RED HEAD RIVER BRIDGE - R92			
<b>SUBSTRUCTURE</b>					
Condition:	F1 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	- Assumed condition of buried north footing, south footing partially visible with narrow horizontal and vertical cracking. - Narrow to medium vertical cracking in south abutment (under girder bearing) and evidence of minor delamination. - All 4 wing walls showing medium to wide alligator cracking with medium to severe efflor. - Wide longitudinal cracks along tops of wingwalls below curbs and wide diagonal cracking.				
<b>SUPERSTRUCTURE</b>					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	- Concrete deck in fair condition, minor linear cracking, expansion joints in fair condition, some concrete on south end missing at approach to expansion. - Curb conditions uninspectable due to snow cover. - New steel handrail installed since previous inspection along with new end blocks. Minor abrasions to end blocks. - Assumed condition of approach rail based on visible portions, fair. - Asphalt at approaches are fair with some map cracking and longitudinal cracking.				
<b>DECK</b>					
Condition:	F2 - Fair	Curbs:	U - Uninspectable		
Hand Rail:	G - Good	Roadway Condition:	F1 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Repair concrete defects, soffit/fascia issues and wingwalls. New steel handrail installed since previous inspection.				
<b>HYDROLOGY</b>					
Water Velocity:	0.5 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.5 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:	2024	Replacement Year:	2040		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Soffit and fascia issues should be address, have become more prominent/severe since previous photos (2013) and rehabs.				
<b>OBSERVATIONS</b>					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Soffit and fascia issues should be address, have become more prominent/severe since previous photos (2013) and rehabs.				