

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B01162023-8	
Date: 1/13/2023		Inspected By: Jeff Ward		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-134 - LITTLE BARACHOIS RIVER BRIDGE - R92			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	- Assumed condition of buried/submerged reinf. conc. abut. footings. - Medium/wide horiz./vert. cracks with medium efflor. deposits and light/med delamin./spalling in abutment faces. - Medium horiz./vert cracks with medium delamin./spalling along tops of wings under curbs. - Medium horiz/vert cracks with medium delamin/spalling to ext. ballast wall faces. - Narrow to moderate map cracking with light efflor. deposits in 4 wingwalls.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F1 - Fair		
Comments:	- Light delamin./spalling with medium rusting to exposed reinf. on majority of girders (insuff, cover). - Light horiz./angular cracks in ends of most girders. - Light abrasion and medium longit. cracks in exp. joint dams. - Possible leakage in exp joints (staining on abut faces)				
DECK					
Condition:	F1 - Fair	Curbs:	F2 - Fair		
Hand Rail:	G - Good	Roadway Condition:	F1 - Fair		
Approach Rail:	F2 - Fair				
Comments:	- Medium to severe trans. cracks with moderate efflor. deposits in deck soffit. (esp. cantilevered sections outside ext. girders) - Medium to severe vert./horiz. cracks with light to moderate efflor. deposits in deck fascias. Separation of sections of soffit along fascia on West elevation. - Numerous areas of light/medium spalls; abrasion on exposed deck surface - Numerous potholes (some patched) along approached on rte. 92 - Moderate settlement at exp. joint dams with damaged concrete. Could not inspect curb, buried, assumed condition.				
HYDROLOGY					
Water Velocity:	0.3 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:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2024	Replacement Year:	2040		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair all concrete defects, notably the soffit and fascia, repair and clean expansion joints.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	Similar to previous inspection but progressively worsening.				