

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B08032021-7	
Date: 5/6/2021		Inspected By: Butler		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		2-104 - BLACK BROOK BRIDGE #2 - R204-10			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Concrete abutments and wing walls. A few light cracks. Bearings, bearing seats, abutment tops and footings all covered with sand/salt.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Some light corrosion of panels and transoms.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Steel grate decking. Some light corrosion and bent webs. Concrete end blocks. Some disintegration along bottom of end blocks and some small impact spalls. 150mm x 150mm treated curbs; approach 2, left side has broken beam. Galvanized flex beam with 200mm x 200mm treated timber backing attached to bridge panels as crash barrier. Object marker abutment 1 right missing. Approach 2 approach slab has pavement potholing exposing the concrete approach slab. Approach 2 left has rotten guiderail posts. Approach 1 has pavement cracking and bump over approach slab and tie ins. Approach 1, right and approach 2 left and right, buried ends are broken.				
HYDROLOGY					
Water Velocity:	2 m/s	Ice Problem:	N - No Problem		
Water Depth:	1 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace missing hazard marker. Repair guiderail. Repair pavement at approaches. Clean sand and salt from the bearings, bearing seats, abutments and footings				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Walkway attached to right side of structure. Three end blocks, no end block abutment two left side. Eight panel Mabey Compact 200 double lane.				