

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B06182024-2	
Date: 6/18/2024		Inspected By: Damien Burns		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		2-034 - BLACK RIVER BRIDGE - R210			
SUBSTRUCTURE					
Condition:		F2 - Fair		Bearings:	
				F2 - Fair	
				Bearing Seat:	
				F2 - Fair	
Comments:		Previous inspection - Concrete abutments and wingwalls. A few cracks with efflorescence. Debris and formwork on bearing seat. Abutment 2 showing fill loss under wing wall. New inspection - Minor spalling on abutment #1 left. Minor efflorescence build up and spalling of abutment #1 right.			
SUPERSTRUCTURE					
Condition:		F2 - Fair		Expansion Joints:	
				F2 - Fair	
Comments:		Previous inspection - 6 AASHTO girders. Some light honeycomb of girders and diaphragms. Expansion joint surface concrete wearing down from traffic and plows - asphalt settled. All girders have exposed rebar. New inspection - Spalling between girders 2 and 3. Some exposed rebar on girder 6 right side(no rust staining yet). Bottom of joint, abutment #1 right has cracking and deterioration. Some cracking and deterioration on left side fascia.			
DECK					
Condition:		F2 - Fair		Curbs:	
				F2 - Fair	
Hand Rail:		F2 - Fair		Roadway Condition:	
				F2 - Fair	
Approach Rail:		F2 - Fair			
Comments:		Previous inspection - Concrete deck with asphalt wearing surface. Underside of deck has a few spalls with exposed rebar and two delaminated areas fascia/soffit left side. 4 rail aluminum hand rail with concrete end blocks. Right side bottom of deck has multiple parallel cracks orientated longitudinal with the structure. New inspection - Excessive sand/salt build up on deck. Efflorescence on underside of deck. Approach 1 left has 4 structural posts, while the right side has 5. Approach 2 left has 11 structural posts, while the right side has 4. Missing hazard marker on approach 2 right.			
HYDROLOGY					
Water Velocity:		1 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:			Replacement Year:		
Antic. Rehab. Cost:			Replacement Cost:		
\$0			\$0		
Recommendations:					
OBSERVATIONS					
Overall Condition:		F2 - Fair		Requires Further Inspection:	
				No	
Additional Observations:					