

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B08082024-3	
Date: 8/7/2024		Inspected By: D. Burns/B. Grandy		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		2-173 - GROUSE BROOK BRIDGE (OLD) - R210			
SUBSTRUCTURE					
Condition:	P - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Concrete abutments and wingwalls, all components have severe cracking with efflorescence. Both abutments have erosion/scouring, Pier has severe erosion, potentially posing concern of structural integrity. Pier is also coated in efflorescence. Severe disintegration of most wingwalls and abutment corners.				
SUPERSTRUCTURE					
Condition:	P - Poor	Expansion Joints:	I - Inapplicable		
Comments:	Arch heavily cracked with efflorescence. Fascia has several instances of severe cracking and disintegration. Deck soffit in Mediocre condition with moderate cracking and efflorescence.				
DECK					
Condition:	P - Poor	Curbs:	I - Inapplicable		
Hand Rail:	P - Poor	Roadway Condition:	P - Poor		
Approach Rail:	I - Inapplicable				
Comments:	Several concrete bridge rail members missing, leaving behind reinforcement. No approach rail, no hazard markers, no end blocks, no ID sign. Roadway in poor condition with heavy granular build up.				
HYDROLOGY					
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.3 m	Scour Problem:	K - Known Problem		
Waterway:	01 - Adequate	Debris Problem:	K - Known Problem		
Comments:	Concerning amount of scouring to pier with less concerning amounts on abutments. Tree littering the streambed and likely undermining the pier.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$TBD	Replacement Cost:	\$TBD		
Recommendations:	Remove structure. Potentially replace with culvert.				
OBSERVATIONS					
Overall Condition:	P - Poor	Requires Further Inspection:	No		
Additional Observations:	Structure located on unmaintained class 4 road.				

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.