

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04092023-1	
Date: 4/3/2023		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-171 - PETTY HARBOUR BRIDGE #1 - R11			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Assumed condition of reinforced concrete footings. Light erosion with narrow vertical cracks to interior face of north/south frame legs.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:					
DECK					
Condition:	F2 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	I - Inapplicable				
Comments:	Medium longitudinal crack in soffit downstream. Hairline longitudinal cracks to remainder of soffit/haunch with light spalling. Narrow to medium longitudinal/transverse cracks with light scaling to upstream sidewalk. Medium longitudinal crack in downstream curb. Hairline vertical cracks to east/west curb fascia. Light spall to SE corner of fascia. East/west steel handrails are deformed, tilting away from roadway and have light surface corrosion to welds. No hazard markers.				
HYDROLOGY					
Water Velocity:	0.2 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.3 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem		
Comments:	Unknown organic debris accumulating in stream with minor effect on stream flow. Light bulging to all gabion baskets.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2024	Replacement Year:	2040		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Repair steel handrail. Install hazard markers. Monitor debris in stream.				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					