

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04112024-2	
Date: 4/5/2024		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-118 - OUTER COVE BROOK BRIDGE - R30			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Assumed condition of buried reinforced concrete frame leg footings. Numerous areas of severe delamination throughout MSE wall panels with narrow vertical cracks.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Hairline transverse cracks in deck soffit. Narrow vertical cracks in frame legs with light rust staining from reinforcement corrosion. Medium spall to NE exterior frame leg. Narrow horizontal/pattern cracking in concrete headwalls. Narrow angular cracks on SE headwall.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	P1 - Poor	Roadway Condition:	P3 - Poor		
Approach Rail:	F1 - Fair				
Comments:	Severe abrasion causing twelve aluminum post to shear/deform on north barrier. Narrow to medium vertical cracks with light efflorescence in barrier wall and deck/curb fascia. Hairline pattern cracking in south barrier wall and end blocks. Severe potholes and medium transverse cracks on asphalt surface. Light abrasions to sidewalk face. Severe abrasions to SW curb. Severe deformation to SW guiderail buried end. No standard hazard markers on structure. Excessive accumulation of sand on sidewalk. Caulking at joints starting to deteriorate. Graffiti covering MSE wall and frame legs.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2025	Replacement Year:	2080		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace aluminum handrail on new posts. Repair spalling and delamination to MSE wall. Install hazard markers. Repair pot holes. Replace buried end. Remove debris from sidewalk and deck. Apply new caulking to joints.				
OBSERVATIONS					
Overall Condition:	P1 - Poor	Requires Further Inspection:	No		
Additional Observations:					