

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02172025-6	
Date: 2/12/2025		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-132 - HOPEALL BRIDGE - R80			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Narrow pattern cracks with light deposits of efflorescence in all four wing walls. Unable to inspect substructure for scour or erosion due to ice restrictions.				
SUPERSTRUCTURE					
Condition:	F1 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Medium vertical cracks in faces of frame legs and pier. Narrow transverse/longitudinal cracks in deck soffit.				
DECK					
Condition:	F2 - Fair	Curbs:	P3 - Poor		
Hand Rail:	F1 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	P3 - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Numerous wide pattern cracks with medium deposits of efflorescence to all four end blocks. SW end block has severe abrasion. Medium vertical and horizontal cracks with deposits of efflorescence in curbs and fascia. Curbs have medium abrasions from snow clearing equipment. Wide transverse/alligator cracks in asphalt near approach slab joins and numerous potholes on deck. SW aluminum handrail contains medium scrapes/dents and missing end caps. Guiderail posts have severe decay. SW guiderail not attached to post. No hazard markers. Standard guiderail installed at approach/exit and attached to end blocks with two bolts. Asphalt contains extensive cracking and patching.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Both streams flow directly along face of center pier causing possible erosion and scour concerns. Unable to inspect as ice was present.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2026	Replacement Year:	2040		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Install approach/exit rail for structures with end shoe attachment to end blocks and new hazard markers. Repair all concrete defects. Install rip rap near center pier to mitigate scour and erosion. Install waterproofing and resurface deck and approaches with new asphalt.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:					