

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03132026-2	
Date: 3/10/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-057 - NEW BRIDGE, CAPE BROYLE - R			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	Underwater camera was used to inspect north footing for scour and erosion. There is no evidence of either observed. Severe scour/erosion beneath south abutment. Severe delamination/spalling/disintegration/erosion and very wide horizontal/pattern cracking with light efflorescence in abutments. Severe spalling/delamination and narrow vertical/horizontal cracks with light efflorescence in wing walls. Very wide horizontal cracking in NE/NW wing walls. Severe erosion to SE wing wall. Unable to inspect bearings due to height/water restrictions.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	U - Uninspectable		
Comments:	Extensive buildup of efflorescence on downstream double tee girders leaking from longitudinal joint between girders and soffit overhang. Light spalling with medium corrosion to exposed reinforcement in soffit of double tee girders near deck drains and upstream exterior girder. Galvanized deck drains covered in efflorescence. Narrow transverse cracks in deck soffit with light efflorescence. Wide pattern cracking in diaphragms above bearing seat.				
DECK					
Condition:	P3 - Poor	Curbs:	F1 - Fair		
Hand Rail:	F2 - 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. Structure has standard guiderail installed at approach/exit and attached to end blocks without end shoe. Post contains severe decay with wide splits. Severe deformations to both buried ends on the south approach/exit. Potholes in asphalt that exposed the concrete deck on previous inspection have been patched with temporary asphalt. Medium alligator cracking in remaining asphalt. Wide horizontal crack and medium abrasions in curbs. Narrow pattern cracking in end blocks. Hairline vertical/horizontal/pattern cracking to curb fascia. SW hazard marker is missing. Narrow longitudinal cracking in west curb fascia. Curbs are almost completely buried in winter sand.				
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:	Severe scour beneath south abutment.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$	Replacement Cost:	\$		
Recommendations:	Waterproof and resurface asphalt driving surface. Repair all concrete defects. Install SW hazard marker. Install guiderail structures.				

OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:			

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2026.