

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03282025-2	
Date: 11/14/2024		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-286 - ST. BRIDE'S BRIDGE NORTH - R			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Medium erosion beneath upstream wingwalls. Numerous wide horizontal/vertical cracks with light efflorescence deposits in abutment faces and wingwalls. Severe disintegration and spalling to top corners of northeast and northwest wingwalls adjacent to deck. Severe erosion and disintegration to face of southeast abutment footing. Southwest corner of west footing moderately undermined.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable		
Comments:	Very severe delamination/spalling/disintegration with severe corrosion to exposed reinforcement in south curb beam. Northwest bearing corner has moderate disintegration from surface runoff. North curb beam has moderate disintegration, eastern half especially. Narrow transverse/longitudinal cracks with light efflorescent deposits in deck soffit. Severe spall to southeast corner on deck soffit with severe corrosion to exposed reinforcement.				
DECK					
Condition:	P3 - Poor	Curbs:	I - Inapplicable		
Hand Rail:	P - Poor	Roadway Condition:	F1 - Fair		
Approach Rail:	I - Inapplicable				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Very severe disintegration with extensive material loss and exposed reinforcement in upstream and downstream fascia, P1. Upstream concrete handrail has severe spalling/delamination, cracking and deterioration, P3. No handrail on downstream side of structure, P. Concrete jersey barriers in place for temporary barrier. No end blocks, approach/exit rail or hazard markers. Heavy accumulation of sand and vegetation along handrail.				
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:	Slope erosion observed on all four corners with moderate settlement occurring in upstream wingwalls				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace Structure				
OBSERVATIONS					
Overall Condition:	P - Poor	Requires Further Inspection:	No		
Additional Observations:					