

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03132026-5	
Date: 3/3/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-090 - PEARLTOWN ROAD OVERPASS EAST - R2			
SUBSTRUCTURE					
Condition:	P1 - Poor	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Severe spalling/disintegration with exposed corroded reinforcement to NW corner of abutment/end wall joint. Multiple vertical/horizontal reinforcement bars are completely visible. Joint is beginning to open and shift outwards causing backfill to wash through undermining the asphalt and eroding the concrete edges. NW corner is showing severe deterioration and medium scaling/efflorescence deposits (P1). Runoff draining into these open corners is causing embankment erosion beneath the abutment and around the support struts. Numerous struts have small spalls exposing reinforcement. Corroded form steel ties exposed on abutment faces. Numerous narrow to medium cracks throughout abutment walls.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	I - Inapplicable		
Comments:	Narrow shear crack in south deck fascia extending to SW exterior strut leg. Severe spall/delamination of south and north soffit/fascia corner at midspan exposing reinforcement. Large area of severely delaminated concrete in soffit at midspan. Two longitudinal cracks in east soffit leaking light stalactites deposits of efflorescence and light rust staining from corroded reinforcement. Cracks are in the same area where the potholes are that are mentioned in deck/approach. This area also shows moisture containment within the slab. Numerous longitudinal cracks in soffit extending from both abutments. Light spalling with exposed rebar in deck soffit due to insufficient concrete cover.				
DECK					
Condition:	P1 - Poor	Curbs:	P1 - Poor		
Hand Rail:	P1 - Poor	Roadway Condition:	P1 - Poor		
Approach Rail:	P3 - Poor				
Comments:	*Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Medium wheel track rutting, raveling, and numerous severe potholes in asphalt exposing concrete deck. One pothole is approximately six inches beneath top of deck elevation. Severe scaling/disintegration/delamination/spalling with wide vertical cracks, heavily rust stained and exposed reinforcement to north/south barrier wall. Medium/severe abrasions with exposed reinforcement to curbs. Numerous medium transverse asphalt cracks at approach slabs. Top aluminum rail detached from posts with numerous posts bent. Medium to wide vertical cracks in exterior barrier fascia. Light delamination/spalling to exterior deck fascia. Medium corrosion to guiderail end shoe connection bolts.				
HYDROLOGY					
Water Velocity:	n/a m/s	Ice Problem:	NA - Not Applicable		
Water Depth:	n/a m	Scour Problem:	NA - Not Applicable		
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable		
Comments:					
REPLACEMENT/REHABILITATION					

Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$	Replacement Cost:	\$
Recommendations:	Repair abutment corners to control embankment erosion, repair all concrete defects, waterproof and place new asphalt, install new barriers/end blocks. Install guiderail structures.		
OBSERVATIONS			
Overall Condition:	P1 - Poor	Requires Further Inspection:	No
Additional Observations:			

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