GOVERNMENT OF
NEWFOUNDLAND
AND LABRADOR
Department of Transportation and Infrastructure

BRIDGE INSPECTION REPORT
B07302024-10

Date: 7/30/2024 **Inspected By:** Lars/Sarah **Category:** Office - Bridge Office

BRIDGE INFORMATION

Site: 3-056 - PETER'S ARM BROOK BRIDGE #2 - R350

SUBSTRUCTURE

Condition:	P3 - Poor	**Bearings:**	U - Uninspectable
		Bearing Seat:	F1 - Fair

Comments: Undermining on North abutment (scour) Bearing seats covered in debris.Small amount of scour on south abutment showing an existing pile. Construction blocking left under diaphragms, making the bearing uninspectable.

SUPERSTRUCTURE

Condition:	F1 - Fair	**Expansion Joints:**	P3 - Poor

Comments: Joints filled with debris and leaking. All girders have low cover throughout. Leaking from expansion joints is making the outside reinforcement in the girders corrode and causing pop outs and scaling. Medium honeycombing on the bottom of a middle girder.

DECK

Condition:	F1 - Fair	**Curbs:**	F1 - Fair
Hand Rail:	F1 - Fair	**Roadway Condition:**	F1 - Fair
Approach Rail:	F1 - Fair		

Comments: Minor cracks in curb. Minor cracks and efflorescence in soffit.

HYDROLOGY

Water Velocity:	0 **m/s**	**Ice Problem:**	N - No Problem
Water Depth:	0 **m**	**Scour Problem:**	K - Known Problem
Waterway:	01 - Adequate	**Debris Problem:**	N - No Problem

Comments: Slope erosion at all abutment corners. North abutment has medium scour 30-40% of the length, south abutment has a small amount of scour that is showing a pile (I beam).

REPLACEMENT/REHABILITATION

Next Rehab. Date:		**Replacement Year:**	
Antic. Rehab. Cost:	$0	**Replacement Cost:**	$0

Recommendations:

OBSERVATIONS

Overall Condition:	F1 - Fair	**Requires Further Inspection:**	No

Additional Observations: Overall F1 with slope erosion, abutment scour. Leaking joints causing girder deterioration, due to low cover throughout this will speed up in time.