

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B02212024-11</b>	
Date: 11/15/2023		Inspected By: J. Sharron		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		3-092 - CANAL BRIDGE FOGO ISLAND - R			
<b>SUBSTRUCTURE</b>					
Condition:	F1 - Fair	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	vertical cracking at both abutments appears minor, cracks on east abutment has efflorescence in cracks, possible scour under abutment footings, hard to see, structure built on bedrock, wingwalls in fair condition with some cracking and pop outs at construction joints				
<b>SUPERSTRUCTURE</b>					
Condition:	F1 - Fair	Expansion Joints:	U - Uninspectable		
Comments:	Rigid frame structure, cracking under deck with heavy efflorescence in cracks, cracking at east abutment/deck construction joint and heavy efflorescence, pop outs under deck				
<b>DECK</b>					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	P3 - Poor				
Comments:	No structural approach rail, hazard markers missing, some potholes forming in asphalt on deck, patching at expansion joints				
<b>HYDROLOGY</b>					
Water Velocity:	0 m/s	Ice Problem:	P - Possible Problem		
Water Depth:	0 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	All conduit and fixtures rusted and damaged				
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace guiderail with structural rail, install hazard markers, waterproof and repave, inspect for scour and add additional scour protection, install solar light				
<b>OBSERVATIONS</b>					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Two waterlines attached to underside of south curb				