

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04032024-1	
Date: 3/27/2024		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-376 - CAPTAIN WHELAN DRIVE UNDERPASS - R3			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Medium horizontal cracks in north pier end. Narrow vertical cracks and medium abrasions to continuous jersey barrier median. Narrow vertical cracks with light efflorescence in ballast walls. Narrow horizontal/vertical cracking in NW MSE wall panel. Graffiti covering end blocks, wingwalls, MSE walls, and pier.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Continuous EVA foam in cavity between ballast wall and deck migrating towards bearing seat with large sections resting on bearing seat.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Medium erosion to embankment material undermining concrete approach slabs at NW and SW corner F1. Narrow longitudinal cracks in sidewalk and severe deterioration to sidewalk joint caulking. Severe deterioration to curb fascia caulking leaking light efflorescence. Light abrasions to sidewalks.				
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:	2030	Replacement Year:	2090		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Reinstall continuous EVA foam between ballast wall and deck. Caulk all joints. Fix NW/SW embankment erosion. Remove graffiti.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:					