

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B06162023-1	
Date: 6/14/2023		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-378 - SCOTTS ROAD SOUTH UNDERPASS - R2			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	G - Good		
Comments:	Assumed condition of buried reinforced concrete abutment and pier footings. Narrow vertical cracks in faces of abutments, ballast walls, and pier cap. Hairline vertical/map cracking in all wing walls. Light bulging in most bearing pads. Assumed condition of pier bearings/seats. NE exterior girder not fully supported on bearing pad with visible gap. Light spall at top of center column on center pier. Medium transverse cracks in south slope paving. Graffiti covering north/south abutment faces and wingwalls.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	U - Uninspectable		
Comments:	CPC1 1900 girders and diaphragms remain in good condition. No mechanical expansion joints, semi-integral abutments. Rebar exposed in south center creep block. Light spall at NW exterior top girder flange. Wooden formwork remains embedded at NW ballast wall/soffit.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Narrow transverse cracks in deck soffit. Numerous medium transverse/vertical cracks in sidewalk surfaces and fascia. Narrow vertical cracks with light efflorescence deposits in deck/sidewalk exterior fascia. Expansion fiber board deteriorating at sloped sidewalks. Hairline map cracking in NE end block. Medium transverse cracks in NE curb. Light abrasions and surface corrosion to steel handrail and bolts. Caulking at expansion joints starting to crack and deteriorate. SW rip rap embankment migrating towards toe of slope. NE hazard marker missing. Asphalt in good condition.				
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:	2050	Replacement Year:	2085		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:					
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	Pigeons nesting on pier cap and abutment bearing seats.				