

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B06082024-1</b>	
Date: 5/17/2024		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		1-356 - KENMOUNT ROAD SOUTH OVERPASS - R3			
<b>SUBSTRUCTURE</b>					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Light surface corrosion to pot bearings with flaking and deterioration of protective coating. Narrow pattern cracking in piers near pot bearings. Hairline pattern cracking in bearing seat. Hairline vertical cracks in wingwalls. Narrow vertical cracks in abutments and ballast walls. Severe settlement of SE concrete gutter in sloped paving causing concrete to collapse and break into pieces.				
<b>SUPERSTRUCTURE</b>					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Medium transverse cracks in soffit near north and south piers. Narrow vertical cracks in sloped exterior soffit. Severe spall in SW/SE sloped soffit over bearing seat. Light corrosion and abrasions to expansion joints. Expansion joint caulking deteriorating and losing bond with concrete surface. Efflorescence leaking from construction joint along bottom of sloped soffit.				
<b>DECK</b>					
Condition:	F2 - Fair	Curbs:	I - Inapplicable		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Hairline/narrow vertical cracks in fascia and barrier walls. Medium transverse cracks in asphalt at approach slab. Guiderail posts contain wide splits and decay. Hairline pattern cracking in concrete gutter. Graffiti covering abutments, wingwalls, and piers. Severe deformations to guiderail buried ends along Kenmount Road.				
<b>HYDROLOGY</b>					
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:					
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:	2040	Replacement Year:	2080		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Remove hazard marker laid against guiderail at SW exit. Repair concrete defects. Remove corrosion from pot bearing and apply new coating. Replace guiderail buried ends on Kenmount Road. Remove graffiti from concrete surfaces.				
<b>OBSERVATIONS</b>					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					