

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02072024-3	
Date: 11/24/2023		Inspected By: Sharron/Rebello		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-034 - RATTLING BROOK BRIDGE - R			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair	Bearing Seat:	F1 - Fair
Comments:	Minor vertical cracking in both abutments, west bearing seat between girders spalled, minor delamination's and spalls on all wingwalls, construction debris at expansion joints, west downstream wingwall disintegrated at corner below creep block, cracking and possible delamination's in girder at west bearing seat				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor		
Comments:	Diaphragm between girders east abutment is disintegrating, both expansion joints leaking on bearing seat and below curbs				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	F2 - Fair				
Comments:	East bound lanes end blocks disintegrating with rebar showing, eastbound curb overhangs spalled at middle span, pothole at west expansion joint				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Water flow controlled by NL power at Rattling Lake				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace expansion joints, repair west bearing seats, waterproof and repave, repair/replace end blocks, repair delamination's/spalls on wingwalls, repair curb overhangs				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					