

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B02062024-10	
Date: 11/7/2023		Inspected By: Strugnell		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		3-105 - SOUTHWEST BROOK BRIDGE - R414			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Scaling/spalling at abutments and wingwalls with rebar visible				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	U - Uninspectable		
Comments:	Expansion joints paved over, asphalt cracking around both joints where bridge deck ends, underside of bridge looks ok				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Asphalt at approaches and deck ok, some cracking at bridge ends, approach rail damaged, handrail damaged				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	N - No Problem		
Water Depth:	0 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Water flowing directly on abutment one, possible scour in this area, rip rap required at all four corners				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Rehab abutments/wingwalls, install hazard markers, install rip rap at all four corners, repair/replace broken handrail and approach rails				
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:	two hazard markers missing, salmon river, sand build up on deck along curbs				