

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B08042023-2	
Date: 7/26/2023		Inspected By: Darrell Avery		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-026 - E.S. SPENCER BRIDGE - R1			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Previous Inspection - All wingwalls have light to mild hairline cracking, F2. - Both abutment faces in good condition, F2. - Bearings too high for proper inspection but looks corrosion free from below, F2 assumed.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor		
Comments:	Previous Inspection - Both box girders and central bracing in good condition. - Bottom of deck and soffits in good condition. New Inspection - Abutment 1 approach - expansion joint removed.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	P3 - Poor		
Approach Rail:	F2 - Fair				
Comments:	Previous Inspection - Jersey barrier rails have mild-hairline cracking throughout. - Approach/exit rails in good condition, connected to jersey barriers and complete with hazards markers. - Asphalt in good condition over structure. New Inspection - Short strip(across rd) of asphalt settlement and deterioration at abutment 1 approach where the expansion joint was removed. Abutment 2 approach asphalt re-surfaced - a slight depression remains.				
HYDROLOGY					
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem		
Water Depth:	Deep m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2025	Replacement Year:	2070		
Antic. Rehab. Cost:	\$100000	Replacement Cost:	\$50000000		
Recommendations:	Fix a strip of asphalt at Abutment 1 approach.				
OBSERVATIONS					
Overall Condition:	G - Good	Requires Further Inspection:	No		
Additional Observations:					