

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B11062025-3	
Date: 10/22/2025		Inspected By: Megan/Heidi		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		1-103 - NEW CHELSEA BRIDGE - R			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	U - Uninspectable		
		Bearing Seat:	U - Uninspectable		
Comments:	Abutments have cracks with efflorescence, significant scour and erosion. Medium scaling and hairline cracking also present.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	F1 - Fair		
Comments:	Concrete around all old and new deck drain holes severely disintegrated. The old deck drain holes have corroded through the rebar and stressing cables. The old holes have a piece a sheet metal laid over them and appear to have been paved over, P3. The newer, functioning deck drains are leaking around the PVC sleeve installed, placing the double tees below in an extreme environment. However, the double tees below the drains are in fair condition, F1. Double tees have stirrups showing in various locations due to low cover, F1. Mild leakage/rust staining between double tee precast sections in isolated locations. Expansion joint locations have no visible leakage.				
DECK					
Condition:	P3 - Poor	Curbs:	F1 - Fair		
Hand Rail:	P1 - Poor	Roadway Condition:	F1 - Fair		
Approach Rail:	P1 - Poor				
Comments:	Railing system has spalled posts (5/12) and cracks with efflorescence. Spalled rails and exposed rebar. Left hand side approach rail has rotten timber posts. Approach rail missing on right hand side. Localized spalling in curbs, medium scaling and hairline to narrow cracks.				
HYDROLOGY					
Water Velocity:	n/a m/s	Ice Problem:	P - Possible Problem		
Water Depth:	n/a m	Scour Problem:	K - Known Problem		
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem		
Comments:	N/A				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:			
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$0		
Recommendations:	Replace four missing hazard signs.				
OBSERVATIONS					
Overall Condition:	P3 - Poor	Requires Further Inspection:	No		
Additional Observations:	Refer to BMS for detailed OSIM inspection.				