

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B05272022-13	
Date: 4/18/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-263 - FERRY TERMINAL BRIDGE - R			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	Original structure extended approximately 3 meters downstream. Medium-severe scour/erosion to north and south footing/frame legs at numerous locations. Medium spall to NE footing original structure.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	Narrow vertical/horizontal cracks with light efflorescence deposits in faces of original frame. Narrow map cracks with light abrasion to all four end blocks. Very wide vertical movement crack in Northeast wingwall. Wall seems to have slightly moved toward the river.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	F2 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	F2 - Fair				
Comments:	Medium-severe transverse cracks near approach slab joins. Narrow map cracks on downstream curb. NW end block guiderail connection has loose bolt and light spall/abrasion to interior curb fascia. Two missing hazard markers upstream. SE guiderail buried end damaged. Narrow crack in original deck soffit. Slope erosion at SW corner of structure. Wide vertical crack in SW deck fascia.				
HYDROLOGY					
Water Velocity:	0.7 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.5 m	Scour Problem:	P - Possible Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:	Embankment erosion around all four wingwalls.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2026	Replacement Year:	2035		
Antic. Rehab. Cost:	\$50,000.00	Replacement Cost:	\$1,000,000.00		
Recommendations:					
OBSERVATIONS					
Overall Condition:	F2 - Fair	Requires Further Inspection:	No		
Additional Observations:					