

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B04072022-5	
Date: 3/16/2022		Inspected By: Jeff Ward		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-264 - DOUBLE BROOK BRIDGE (VICTORIA) - R70			
SUBSTRUCTURE					
Condition:	P1 - Poor	Bearings:	P1 - Poor		
		Bearing Seat:	P1 - Poor		
Comments:	Assumed condition of buried/submerged footings. Narrow to medium vertical cracks and medium efflor to faces of abutments. Severe delamination / spalling, and disintegration to abutment corners. Exposed rebar at south east corner of abutment.				
SUPERSTRUCTURE					
Condition:	P - Poor	Expansion Joints:	I - Inapplicable		
Comments:	Severe delamination, spalling, disintegration with severe corrosion to exposed reinforcing steel (rebar/cables) at south facing outside tee girder. Girders showing extensive cracking and exposed rebar, spalling and disintegration. Corrosion and cracking at girder bearing points. Medium to severe efflor between double tees. Severe disintegration and corrosion to exposed rebar on SE corner creep block.				
DECK					
Condition:	P3 - Poor	Curbs:	P3 - Poor		
Hand Rail:	P - Poor	Roadway Condition:	G - Good		
Approach Rail:	F1 - Fair				
Comments:	Surface asphalt in good condition. Guardrail installed at North inlet, old handrail broken off and hanging from curb by rebar. Asphalt being undermined by settling of backfill around recently installed guardrails. Extensive erosion and spalling to exterior curb fascia on south. No hazard markers.				
HYDROLOGY					
Water Velocity:	0.2 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.4 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	P - Possible Problem		
Comments:	Wood cribbing up stream is collapsing into waterway and old handrail debris falling into waterway.				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:		Replacement Year:	2023		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$700		
Recommendations:	Bridge should be replaced as superstructure is in poor condition.				
OBSERVATIONS					
Overall Condition:	P - Poor	Requires Further Inspection:	Yes		
Additional Observations:	Bridge office should reinspect				