

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B05062022-3	
Date: 4/11/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-011 - LAMANCHE RIVER BRIDGE, CAPE BROYLE - R			
SUBSTRUCTURE					
Condition:	G - Good	Bearings:	G - Good		
		Bearing Seat:	G - Good		
Comments:	Assumed condition of reinforced concrete footings. Narrow vertical cracks on faces of abutments and ballast walls. Hairline vertical cracks on NE wing wall.				
SUPERSTRUCTURE					
Condition:	G - Good	Expansion Joints:	G - Good		
Comments:	CPCI 1900 girders. Semi-integral abutment with WABO inverse seal expansion.				
DECK					
Condition:	G - Good	Curbs:	I - Inapplicable		
Hand Rail:	G - Good	Roadway Condition:	G - Good		
Approach Rail:	G - Good				
Comments:	Narrow vertical cracks in barrier walls. NW hazard marker not regulation height. Remove sand from deck drains and along base of barrier walls.				
HYDROLOGY					
Water Velocity:	0.3 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.6 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2054	Replacement Year:	2090		
Antic. Rehab. Cost:	\$100,000	Replacement Cost:	\$5,000,000		
Recommendations:					
OBSERVATIONS					
Overall Condition:	G - Good	Requires Further Inspection:	No		
Additional Observations:					