

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		<b>BRIDGE INSPECTION REPORT</b> <b>B04052022-2</b>	
Date: 3/23/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
<b>BRIDGE INFORMATION</b>					
Site:		1-156 - FOREST POND BRIDGE - R			
<b>SUBSTRUCTURE</b>					
Condition:	F2 - Fair	Bearings:	F2 - Fair		
		Bearing Seat:	F2 - Fair		
Comments:	Assumed condition of reinforced concrete footings. Medium-severe efflorescence deposits on all wing walls and bearing seats leaking from expansion joints. Narrow alligator cracks in a four wing walls. Narrow vertical cracks in abutment faces. Northwest and Southwest wing walls light delamination and spalling.				
<b>SUPERSTRUCTURE</b>					
Condition:	F2 - Fair	Expansion Joints:	P3 - Poor		
Comments:	Narrow horizontal cracks along top and bottom of girder flanges at numerous locations. Severe spalling/disintegration and transverse cracks to expansion joint dams.				
<b>DECK</b>					
Condition:	F1 - Fair	Curbs:	P1 - Poor		
Hand Rail:	P3 - Poor	Roadway Condition:	P1 - Poor		
Approach Rail:	F2 - Fair				
Comments:	Medium-severe spalling/disintegration with medium wide horizontal/vertical cracks on fascia/curbs near expansion joints. Severe abrasion/spalling with exposed rebar to northwest end block and curb. Severe spalling with exposed rebar to northeast end block. Medium transverse cracks and spalling to exposed deck surface near expansion joint dams. Aluminum handrail moderate damage with scrapes, dents, and missing end caps. No regulation hazard markers on structure.				
<b>HYDROLOGY</b>					
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:	Water continues to flow past east footing only.				
<b>REPLACEMENT/REHABILITATION</b>					
Next Rehab. Date:	2022	Replacement Year:	2040		
Antic. Rehab. Cost:	\$150	Replacement Cost:	\$1600		
Recommendations:	Northwest end block has exposed 20M rebar from snow plow equipment that should be removed.				
<b>OBSERVATIONS</b>					
Overall Condition:	P1 - Poor	Requires Further Inspection:	Yes		
Additional Observations:	P1 - Downstream end blocks, curbs, and fascia. F1 - Upstream end blocks, curb, fascia, and aluminum handrail. F2 - Remainder				