

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B08172023-3	
Date: 6/2/2023		Inspected By: M Button		Category: Office - Bridge Office	
BRIDGE INFORMATION					
Site:		1-152 - GOSSE'S BRIDGE - R20			
SUBSTRUCTURE					
Condition:	F1 - Fair	Bearings:	I - Inapplicable		
		Bearing Seat:	I - Inapplicable		
Comments:	- North abutment is in overall fair condition with narrow cracks throughout. There is light erosion along the base of the abutment, F1. - South abutment is in overall fair condition. There are hairline cracks in local areas, F1. - Wingwalls have light to moderate map cracking. There are a number of wide cracks on the SE wingwall. The concrete surrounding these cracks is spalling. The concrete surface of the SE wingwall is stained from corroded steel and efflorescence, P3 to F1.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	I - Inapplicable		
Comments:	- Girders – There are hairline and narrow cracks throughout. The concrete surface is stained from corroded rebar in local areas. There are small spalls on the bottoms of the girders, F2. - Deck soffit is in overall fair condition. There are narrow cracks throughout. There is moderate efflorescence leaching from construction joints. The concrete surface is stained in local areas from corroded rebar and efflorescence, F2.				
DECK					
Condition:	F1 - Fair	Curbs:	F1 - Fair		
Hand Rail:	F1 - Fair	Roadway Condition:	F2 - Fair		
Approach Rail:	P3 - Poor				
Comments:	- Guiderails do not have regulation post spacing and hazard markers. One guiderail is poorly connected to the end block. There are a number of rotted posts, P3. - End blocks have hairline map cracking. One end block has a wide vertical crack, F1. - Deck - Asphalt is in fair condition, F2. - Curbs are in overall fair condition. The outer curb fascia has narrow cracks and light disintegration throughout, F1. - Sidewalks are covered with gravel/sand and have vegetation growing around. - Handrails have minor dents throughout. There are gaps between handrails on the corners of the bridge, F1.				
HYDROLOGY					
Water Velocity:	0 m/s	Ice Problem:	P - Possible Problem		
Water Depth:	0 m	Scour Problem:	N - No Problem		
Waterway:	02 - InAdequate	Debris Problem:	P - Possible Problem		
Comments:	- Drainage culvert is severely corroded near the water level				
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2033	Replacement Year:	2061		
Antic. Rehab. Cost:	\$100000	Replacement Cost:	\$0		
Recommendations:	- Recommended to replace guiderails and rehab SE wingwall defects.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:	- Bridge is in overall fair condition, F1 with P3 and F2 areas				