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|  | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure  | <b>BRIDGE INSPECTION REPORT</b><br><b>B07102024-3</b> |
| <b>Date:</b> 7/5/2024   | <b>Inspected By:</b> D. Burns/J. Rowe/B. Grandy   | <b>Category:</b> Eng. - Engineering                   |
| <b>BRIDGE INFORMATION</b>   |   |   |
| <b>Site:</b>  | 2-033 - GRAND LE PIERRE BROOK BRIDGE NO.1 - R211  |   |
| <b>SUBSTRUCTURE</b>   |   |   |
| <b>Condition:</b>   | F2 - Fair   | <b>Bearings:</b> I - Inapplicable                     |
|   |   | <b>Bearing Seat:</b> I - Inapplicable                 |
| <b>Comments:</b>  | Concrete abutment and wingwalls. Some spalling on abutment face 1, with efflorescence. Some leftover formwork in between joint of abutment 1 and the arch.  |   |
| <b>SUPERSTRUCTURE</b>   |   |   |
| <b>Condition:</b>   | F2 - Fair   | <b>Expansion Joints:</b> I - Inapplicable             |
| <b>Comments:</b>  | Reinforced concrete arch deck, some minor hairline cracking.  |   |
| <b>DECK</b>   |   |   |
| <b>Condition:</b>   | F2 - Fair   | <b>Curbs:</b> F2 - Fair                               |
| <b>Hand Rail:</b>   | F2 - Fair   | <b>Roadway Condition:</b> F2 - Fair                   |
| <b>Approach Rail:</b>   | P3 - Poor   |   |
| <b>Comments:</b>  | Some asphalt deterioration near paved joints. Rotten structural posts, and incorrect formatting of the posts. Aluminum rail is incorrectly lapped so that it is on the inside of both end blocks on each side of the bridge. Approach 2 left rail has terminal end and damaged hazard marker. Approach rail 1 right has terminal end with no rail post. |   |
| <b>HYDROLOGY</b>  |   |   |
| <b>Water Velocity:</b>  | 0.5 m/s   | <b>Ice Problem:</b> N - No Problem                    |
| <b>Water Depth:</b>   | 0.5 m   | <b>Scour Problem:</b> N - No Problem                  |
| <b>Waterway:</b>  | 01 - Adequate   | <b>Debris Problem:</b> N - No Problem                 |
| <b>Comments:</b>  |   |   |
| <b>REPLACEMENT/REHABILITATION</b>   |   |   |
| <b>Next Rehab. Date:</b>  |   | <b>Replacement Year:</b>                              |
| <b>Antic. Rehab. Cost:</b>  | \$0   | <b>Replacement Cost:</b>                              |
| <b>Recommendations:</b>   |   |   |
| <b>OBSERVATIONS</b>   |   |   |
| <b>Overall Condition:</b>   | G - Good  | <b>Requires Further Inspection:</b> No                |
| <b>Additional Observations:</b>   |   |   |