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|  |                                                                                                                                                                                                                     | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure |                  | <b>BRIDGE INSPECTION REPORT</b><br><b>B05202025-1</b> |  |
| Date: 5/12/2025                                                                   |                                                                                                                                                                                                                     | Inspected By: L Christensen                                                                      |                  | Category: Office - Bridge Office                      |  |
| <b>BRIDGE INFORMATION</b>                                                         |                                                                                                                                                                                                                     |                                                                                                  |                  |                                                       |  |
| Site:                                                                             |                                                                                                                                                                                                                     | 4-167 - EAST BRANCH BRIDGE - R422                                                                |                  |                                                       |  |
| <b>SUBSTRUCTURE</b>                                                               |                                                                                                                                                                                                                     |                                                                                                  |                  |                                                       |  |
| Condition:                                                                        | P3 - Poor                                                                                                                                                                                                           | Bearings:                                                                                        | I - Inapplicable |                                                       |  |
|                                                                                   |                                                                                                                                                                                                                     | Bearing Seat:                                                                                    | I - Inapplicable |                                                       |  |
| Comments:                                                                         | Both abutments have medium erosion at water line F1. Severe delamination on wing walls P3                                                                                                                           |                                                                                                  |                  |                                                       |  |
| <b>SUPERSTRUCTURE</b>                                                             |                                                                                                                                                                                                                     |                                                                                                  |                  |                                                       |  |
| Condition:                                                                        | F1 - Fair                                                                                                                                                                                                           | Expansion Joints:                                                                                | I - Inapplicable |                                                       |  |
| Comments:                                                                         | Deck soffit F1/F2. Curb beam near total disintegration - P1.                                                                                                                                                        |                                                                                                  |                  |                                                       |  |
| <b>DECK</b>                                                                       |                                                                                                                                                                                                                     |                                                                                                  |                  |                                                       |  |
| Condition:                                                                        | F1 - Fair                                                                                                                                                                                                           | Curbs:                                                                                           | I - Inapplicable |                                                       |  |
| Hand Rail:                                                                        | P - Poor                                                                                                                                                                                                            | Roadway Condition:                                                                               | F2 - Fair        |                                                       |  |
| Approach Rail:                                                                    | F1 - Fair                                                                                                                                                                                                           |                                                                                                  |                  |                                                       |  |
| Comments:                                                                         | Concrete rail only present at US edge. Approach rails span the length of the bridge, installed inside concrete barriers. Soffit interior in very good condition for age. Soffit fascia/curb beam in poor condition. |                                                                                                  |                  |                                                       |  |
| <b>HYDROLOGY</b>                                                                  |                                                                                                                                                                                                                     |                                                                                                  |                  |                                                       |  |
| Water Velocity:                                                                   | 0 m/s                                                                                                                                                                                                               | Ice Problem:                                                                                     | N - No Problem   |                                                       |  |
| Water Depth:                                                                      | 0 m                                                                                                                                                                                                                 | Scour Problem:                                                                                   | N - No Problem   |                                                       |  |
| Waterway:                                                                         | 01 - Adequate                                                                                                                                                                                                       | Debris Problem:                                                                                  | N - No Problem   |                                                       |  |
| Comments:                                                                         | No issues                                                                                                                                                                                                           |                                                                                                  |                  |                                                       |  |
| <b>REPLACEMENT/REHABILITATION</b>                                                 |                                                                                                                                                                                                                     |                                                                                                  |                  |                                                       |  |
| Next Rehab. Date:                                                                 |                                                                                                                                                                                                                     | Replacement Year:                                                                                |                  |                                                       |  |
| Antic. Rehab. Cost:                                                               | \$0                                                                                                                                                                                                                 | Replacement Cost:                                                                                | \$0              |                                                       |  |
| Recommendations:                                                                  |                                                                                                                                                                                                                     |                                                                                                  |                  |                                                       |  |
| <b>OBSERVATIONS</b>                                                               |                                                                                                                                                                                                                     |                                                                                                  |                  |                                                       |  |
| Overall Condition:                                                                | F1 - Fair                                                                                                                                                                                                           | Requires Further Inspection:                                                                     | No               |                                                       |  |
| Additional Observations:                                                          | Recent rehab to approach rails and asphalt look good. No major issues with superstructure or substructure. Potential safety hazard on downstream side of bridge, only long span of approach rail for barrier.       |                                                                                                  |                  |                                                       |  |

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2026.