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|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure |                  | <b>BRIDGE INSPECTION REPORT</b><br><b>B02092026-1</b> |  |
| Date: 2/5/2026                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Inspected By: T Upshall / M Button                                                               |                  | Category: Eng. - Engineering                          |  |
| <b>BRIDGE INFORMATION</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                  |                  |                                                       |  |
| Site:                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1-334 - RYAN'S BROOK BRIDGE CBN - R71                                                            |                  |                                                       |  |
| <b>SUBSTRUCTURE</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                  |                  |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Bearings:                                                                                        | I - Inapplicable |                                                       |  |
|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Bearing Seat:                                                                                    | I - Inapplicable |                                                       |  |
| Comments:                                                                         | Assumed condition of buried reinforced concrete footings. Hairline pattern cracking with light efflorescence deposits throughout all wing walls. Wing walls also contain medium to wide vertical/horizontal cracks with light efflorescence.                                                                                                                                                                                                                          |                                                                                                  |                  |                                                       |  |
| <b>SUPERSTRUCTURE</b>                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                  |                  |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Expansion Joints:                                                                                | I - Inapplicable |                                                       |  |
| Comments:                                                                         | Transverse construction joint located at center of structure leaking with light erosion to edges and surface covered in efflorescence and green organic growth. Numerous medium longitudinal cracks in soffit continue vertically through haunch into face of frame legs with heavy efflorescence deposits. Hairline longitudinal/transverse/pattern cracking in deck soffit and frame legs. Unable to inspect for erosion/scour along base of frame legs due to ice. |                                                                                                  |                  |                                                       |  |
| <b>DECK</b>                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                  |                  |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Curbs:                                                                                           | I - Inapplicable |                                                       |  |
| Hand Rail:                                                                        | I - Inapplicable                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Roadway Condition:                                                                               | I - Inapplicable |                                                       |  |
| Approach Rail:                                                                    | F2 - Fair                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                  |                  |                                                       |  |
| Comments:                                                                         | *Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Hairline vertical/horizontal/pattern cracking in deck fascia's. Asphalt driving surface is in good condition with no observed defects. Medium cracking to asphalt along road shoulder. 3 meter elevation difference between deck and asphalt therefore the structure does not contain barriers wall, or end block with guiderail structures.                             |                                                                                                  |                  |                                                       |  |
| <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:                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                  |                  |                                                       |  |
| <b>REPLACEMENT/REHABILITATION</b>                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                  |                  |                                                       |  |
| Next Rehab. Date:                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Replacement Year:                                                                                |                  |                                                       |  |
| Antic. Rehab. Cost:                                                               | \$0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Replacement Cost:                                                                                | \$0              |                                                       |  |
| Recommendations:                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                  |                  |                                                       |  |
| <b>OBSERVATIONS</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                  |                  |                                                       |  |
| Overall Condition:                                                                | F2 - Fair                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Requires Further Inspection:                                                                     | No               |                                                       |  |
| Additional Observations:                                                          | Structure does not contain safety rails along exterior deck/wing walls.                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                  |                  |                                                       |  |