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|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure |                   | <b>BRIDGE INSPECTION REPORT</b><br><b>B04132026-2</b> |  |
| Date: 4/9/2026                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Inspected By: T Upshall / M Button                                                               |                   | Category: Eng. - Engineering                          |  |
| <b>BRIDGE INFORMATION</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                   |                                                       |  |
| Site:                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1-290 - ROBINSONS BROOK BRIDGE - R20                                                             |                   |                                                       |  |
| <b>SUBSTRUCTURE</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                   |                                                       |  |
| Condition:                                                                        | P3 - Poor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Bearings:                                                                                        | U - Uninspectable |                                                       |  |
|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Bearing Seat:                                                                                    | U - Uninspectable |                                                       |  |
| Comments:                                                                         | Assumed condition of buried reinforced concrete abutment footings. Severe scour beneath visible south footing. Medium erosion along north and south footings and abutment faces below high-water mark. Disintegration of the south construction joint between the footing and abutment. Hairline vertical cracks, medium honeycombing, and exposed corroded steel ties on abutment faces.                                                                                                                                |                                                                                                  |                   |                                                       |  |
| <b>SUPERSTRUCTURE</b>                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                   |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Expansion Joints:                                                                                | U - Uninspectable |                                                       |  |
| Comments:                                                                         | Small boulders and light honeycombing observed in deck soffit otherwise in good condition.                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                  |                   |                                                       |  |
| <b>DECK</b>                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                   |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Curbs:                                                                                           | F2 - Fair         |                                                       |  |
| Hand Rail:                                                                        | F1 - Fair                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Roadway Condition:                                                                               | F2 - Fair         |                                                       |  |
| Approach Rail:                                                                    | I - Inapplicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                  |                   |                                                       |  |
| Comments:                                                                         | *Assumed condition of deck top (covered in asphalt) based on condition of deck soffit below. Severe deformation to NW handrail post. Aluminum handrail has light abrasions and missing end caps. Narrow vertical cracks beneath aluminum handrail post. Medium spall to NE corner of curb. Medium embankment erosion with rip rap migrating into stream at SE/SW corners of structure. Vegetation growing along east/west curbs. Medium longitudinal cracks in asphalt wearing surface. No hazards markers on structure. |                                                                                                  |                   |                                                       |  |
| <b>HYDROLOGY</b>                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                   |                                                       |  |
| Water Velocity:                                                                   | m/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ice Problem:                                                                                     | N - No Problem    |                                                       |  |
| Water Depth:                                                                      | m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Scour Problem:                                                                                   | K - Known Problem |                                                       |  |
| Waterway:                                                                         | 01 - Adequate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Debris Problem:                                                                                  | N - No Problem    |                                                       |  |
| Comments:                                                                         | River alignment flows along south footing causing scour and erosion defects.                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                  |                   |                                                       |  |
| <b>REPLACEMENT/REHABILITATION</b>                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                   |                                                       |  |
| Next Rehab. Date:                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Replacement Year:                                                                                |                   |                                                       |  |
| Antic. Rehab. Cost:                                                               | \$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Replacement Cost:                                                                                |                   | \$                                                    |  |
| Recommendations:                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                   |                                                       |  |
| <b>OBSERVATIONS</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                   |                                                       |  |
| Overall Condition:                                                                | F1 - Fair                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Requires Further Inspection:                                                                     | No                |                                                       |  |
| Additional Observations:                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                   |                                                       |  |