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|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------|--|
|  |                                                                                                                                                                                                                                                                                                                                                                     | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure |                | <b>BRIDGE INSPECTION REPORT</b><br><b>B10172024-1</b> |  |
| Date: 10/8/2024                                                                   |                                                                                                                                                                                                                                                                                                                                                                     | Inspected By: Scott Wight                                                                        |                | Category: Eng. - Engineering                          |  |
| <b>BRIDGE INFORMATION</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                  |                |                                                       |  |
| Site:                                                                             |                                                                                                                                                                                                                                                                                                                                                                     | TCH-092 - BALD MOUNTAIN BROOK BRIDGE - R                                                         |                |                                                       |  |
| <b>SUBSTRUCTURE</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                  |                |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                                                                                           | Bearings:                                                                                        | F2 - Fair      |                                                       |  |
|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                     | Bearing Seat:                                                                                    | F2 - Fair      |                                                       |  |
| Comments:                                                                         | Vertical cracks in both abutments. Slight efflorescence on wingwalls.                                                                                                                                                                                                                                                                                               |                                                                                                  |                |                                                       |  |
| <b>SUPERSTRUCTURE</b>                                                             |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                  |                |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                                                                                           | Expansion Joints:                                                                                | F2 - Fair      |                                                       |  |
| Comments:                                                                         |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                  |                |                                                       |  |
| <b>DECK</b>                                                                       |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                  |                |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                                                                                           | Curbs:                                                                                           | F2 - Fair      |                                                       |  |
| Hand Rail:                                                                        | P3 - Poor                                                                                                                                                                                                                                                                                                                                                           | Roadway Condition:                                                                               | F2 - Fair      |                                                       |  |
| Approach Rail:                                                                    | P3 - Poor                                                                                                                                                                                                                                                                                                                                                           |                                                                                                  |                |                                                       |  |
| Comments:                                                                         | Water leaking through construction joint in deck. Efflorescence and staining visible on deck soffit. Slight spalling along the south deck soffit near abutment. Hand rail damaged on west side and approach rail (SW) is also damaged. Anchor bolts exposed at one location on the east side. Settlement in approach slabs, with minor potholes forming near joint. |                                                                                                  |                |                                                       |  |
| <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:                                                               | \$TBD                                                                                                                                                                                                                                                                                                                                                               | Replacement Cost:                                                                                | \$TBD          |                                                       |  |
| Recommendations:                                                                  |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                  |                |                                                       |  |
| <b>OBSERVATIONS</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                  |                |                                                       |  |
| Overall Condition:                                                                | F2 - Fair                                                                                                                                                                                                                                                                                                                                                           | Requires Further Inspection:                                                                     | No             |                                                       |  |
| Additional Observations:                                                          | Missing hazard markers.                                                                                                                                                                                                                                                                                                                                             |                                                                                                  |                |                                                       |  |

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