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|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------|--|
|  |                                                                                                                                                                                                                                                                                                         | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure |                | <b>BRIDGE INSPECTION REPORT</b><br><b>B07252025-5</b> |  |
| Date: 9/24/2024                                                                   |                                                                                                                                                                                                                                                                                                         | Inspected By: C.Spencer                                                                          |                | Category: Eng. - Engineering                          |  |
| <b>BRIDGE INFORMATION</b>                                                         |                                                                                                                                                                                                                                                                                                         |                                                                                                  |                |                                                       |  |
| Site:                                                                             |                                                                                                                                                                                                                                                                                                         | 4-179 - UPPER BROOK BRIDGE - R                                                                   |                |                                                       |  |
| <b>SUBSTRUCTURE</b>                                                               |                                                                                                                                                                                                                                                                                                         |                                                                                                  |                |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                               | Bearings:                                                                                        | F2 - Fair      |                                                       |  |
|                                                                                   |                                                                                                                                                                                                                                                                                                         | Bearing Seat:                                                                                    | F2 - Fair      |                                                       |  |
| Comments:                                                                         | Light spalling at construction joint . Wing wall wet from leaking expansion joints. bearing pad starting to buldge.                                                                                                                                                                                     |                                                                                                  |                |                                                       |  |
| <b>SUPERSTRUCTURE</b>                                                             |                                                                                                                                                                                                                                                                                                         |                                                                                                  |                |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                               | Expansion Joints:                                                                                | F1 - Fair      |                                                       |  |
| Comments:                                                                         | Expansion joint full of debris and leaking.                                                                                                                                                                                                                                                             |                                                                                                  |                |                                                       |  |
| <b>DECK</b>                                                                       |                                                                                                                                                                                                                                                                                                         |                                                                                                  |                |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                                                                               | Curbs:                                                                                           | F2 - Fair      |                                                       |  |
| Hand Rail:                                                                        | I - Inapplicable                                                                                                                                                                                                                                                                                        | Roadway Condition:                                                                               | F1 - Fair      |                                                       |  |
| Approach Rail:                                                                    | F1 - Fair                                                                                                                                                                                                                                                                                               |                                                                                                  |                |                                                       |  |
| Comments:                                                                         | Patched asphalt pothole noted on one approach slab. Minor damage noted on buried ends of approach rail and at the Michigan shoe insert. One seal between end-block and jersey rail at the expansion joint is missing. Sections of exposed and lightly corroded steel in the jersey barrier rail system. |                                                                                                  |                |                                                       |  |
| <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:                                                          |                                                                                                                                                                                                                                                                                                         |                                                                                                  |                |                                                       |  |

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