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|  |  | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure                                                                                       |  | <b>BRIDGE INSPECTION REPORT</b><br><b>B10162024-15</b> |  |
| <b>Date:</b> 10/8/2024                                                            |  | <b>Inspected By:</b> Scott Wight                                                                                                                                                       |  | <b>Category:</b> Eng. - Engineering                    |  |
| <b>BRIDGE INFORMATION</b>                                                         |  |                                                                                                                                                                                        |  |                                                        |  |
| <b>Site:</b>                                                                      |  | TCH-074 - MORRIS BROOK BRIDGE - R                                                                                                                                                      |  |                                                        |  |
| <b>SUBSTRUCTURE</b>                                                               |  |                                                                                                                                                                                        |  |                                                        |  |
| <b>Condition:</b>                                                                 |  | F2 - Fair                                                                                                                                                                              |  | <b>Bearings:</b> F2 - Fair                             |  |
|                                                                                   |  |                                                                                                                                                                                        |  | <b>Bearing Seat:</b> F2 - Fair                         |  |
| <b>Comments:</b>                                                                  |  | Minor spalling and efflorescence on abutments. Vertical cracks observed in the north abutment.                                                                                         |  |                                                        |  |
| <b>SUPERSTRUCTURE</b>                                                             |  |                                                                                                                                                                                        |  |                                                        |  |
| <b>Condition:</b>                                                                 |  | F2 - Fair                                                                                                                                                                              |  | <b>Expansion Joints:</b> P3 - Poor                     |  |
| <b>Comments:</b>                                                                  |  | Minor spalling on deck fascia. East double-T has slight cracking and spalling.                                                                                                         |  |                                                        |  |
| <b>DECK</b>                                                                       |  |                                                                                                                                                                                        |  |                                                        |  |
| <b>Condition:</b>                                                                 |  | F1 - Fair                                                                                                                                                                              |  | <b>Curbs:</b> F2 - Fair                                |  |
| <b>Hand Rail:</b>                                                                 |  | F2 - Fair                                                                                                                                                                              |  | <b>Roadway Condition:</b> F1 - Fair                    |  |
| <b>Approach Rail:</b>                                                             |  | P3 - Poor                                                                                                                                                                              |  |                                                        |  |
| <b>Comments:</b>                                                                  |  | Efflorescence at deck soffit interface between girder to double-T structure. Large potholes in the deck, with water migration to underside. Approach rail damaged on NE and NW corner. |  |                                                        |  |
| <b>HYDROLOGY</b>                                                                  |  |                                                                                                                                                                                        |  |                                                        |  |
| <b>Water Velocity:</b>                                                            |  | 0 m/s                                                                                                                                                                                  |  | <b>Ice Problem:</b> N - No Problem                     |  |
| <b>Water Depth:</b>                                                               |  | 0 m                                                                                                                                                                                    |  | <b>Scour Problem:</b> N - No Problem                   |  |
| <b>Waterway:</b>                                                                  |  | 01 - Adequate                                                                                                                                                                          |  | <b>Debris Problem:</b> N - No Problem                  |  |
| <b>Comments:</b>                                                                  |  |                                                                                                                                                                                        |  |                                                        |  |
| <b>REPLACEMENT/REHABILITATION</b>                                                 |  |                                                                                                                                                                                        |  |                                                        |  |
| <b>Next Rehab. Date:</b>                                                          |  | <b>Replacement Year:</b>                                                                                                                                                               |  |                                                        |  |
| <b>Antic. Rehab. Cost:</b> \$TBD                                                  |  | <b>Replacement Cost:</b>                                                                                                                                                               |  | \$TBD                                                  |  |
| <b>Recommendations:</b>                                                           |  |                                                                                                                                                                                        |  |                                                        |  |
| <b>OBSERVATIONS</b>                                                               |  |                                                                                                                                                                                        |  |                                                        |  |
| <b>Overall Condition:</b>                                                         |  | F2 - Fair                                                                                                                                                                              |  | <b>Requires Further Inspection:</b> No                 |  |
| <b>Additional Observations:</b>                                                   |  | Winter sand accumulation on deck.                                                                                                                                                      |  |                                                        |  |

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