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|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------|--|
|  |                                                                                                                                                                                                                                                  | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure |                  | <b>BRIDGE INSPECTION REPORT</b><br><b>B07292025-8</b> |  |
| Date: 10/21/2024                                                                  |                                                                                                                                                                                                                                                  | Inspected By: M.Snooks                                                                           |                  | Category: Eng. - Engineering                          |  |
| <b>BRIDGE INFORMATION</b>                                                         |                                                                                                                                                                                                                                                  |                                                                                                  |                  |                                                       |  |
| Site:                                                                             |                                                                                                                                                                                                                                                  | 4-064 - BLUE GULCH BROOK BRIDGE - R                                                              |                  |                                                       |  |
| <b>SUBSTRUCTURE</b>                                                               |                                                                                                                                                                                                                                                  |                                                                                                  |                  |                                                       |  |
| Condition:                                                                        | F1 - Fair                                                                                                                                                                                                                                        | Bearings:                                                                                        | I - Inapplicable |                                                       |  |
|                                                                                   |                                                                                                                                                                                                                                                  | Bearing Seat:                                                                                    | I - Inapplicable |                                                       |  |
| Comments:                                                                         | Scour on bottom of abutment. Honeycombing at the edges of the construction joint on top abutment.                                                                                                                                                |                                                                                                  |                  |                                                       |  |
| <b>SUPERSTRUCTURE</b>                                                             |                                                                                                                                                                                                                                                  |                                                                                                  |                  |                                                       |  |
| Condition:                                                                        | F1 - Fair                                                                                                                                                                                                                                        | Expansion Joints:                                                                                | I - Inapplicable |                                                       |  |
| Comments:                                                                         | Spalling on fascia. Structure extension joints opening. Upstream and downstream earth retaining headwalls in fair condition. Headwall beams delaminated with various wide cracks due to corrosion of reinforcement. No visible expansion joints. |                                                                                                  |                  |                                                       |  |
| <b>DECK</b>                                                                       |                                                                                                                                                                                                                                                  |                                                                                                  |                  |                                                       |  |
| Condition:                                                                        | F2 - Fair                                                                                                                                                                                                                                        | Curbs:                                                                                           | F1 - Fair        |                                                       |  |
| Hand Rail:                                                                        | P1 - Poor                                                                                                                                                                                                                                        | Roadway Condition:                                                                               | F2 - Fair        |                                                       |  |
| Approach Rail:                                                                    | I - Inapplicable                                                                                                                                                                                                                                 |                                                                                                  |                  |                                                       |  |
| Comments:                                                                         | Handrail is rusted through and has fallen off in places. Curbs have various spalls to roadside corners. Moderate damage to end blocks.                                                                                                           |                                                                                                  |                  |                                                       |  |
| <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:                                                                | F1 - Fair                                                                                                                                                                                                                                        | Requires Further Inspection:                                                                     | No               |                                                       |  |
| Additional Observations:                                                          |                                                                                                                                                                                                                                                  |                                                                                                  |                  |                                                       |  |

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