

|    | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure | <b>BRIDGE INSPECTION REPORT</b><br><b>B05242022-14</b> |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
|---|--|--|--|------------------|---------------|------------------|---------------|---|------|---|---|---|---|---|---|---|---|---|---|
| <b>Date:</b> 4/27/2022  | <b>Inspected By:</b> Colby Spencer   | <b>Category:</b> Eng. - Engineering                    |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>BRIDGE INFORMATION</b>   |  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Site:</b>  | 4-146 - SEAL BROOK BRIDGE  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Route:</b>   |  | <b>Overall Length:</b>                                 | 47.2 m   |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Year Built:</b>  | 1978   | <b>Est:</b> No   | <b>Overall Width:</b> 10.9 m   |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Year Last Rehab.:</b>  |  | <b>Est:</b> No   | <b>Roadway Width:</b> 10.5 m   |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Region:</b>  | WEST COAST/NORTHERN  |  | <b>Sidewalk Width:</b> 0 m   |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Jurisdiction:</b>  | Provincial   |  | <b>Clearance to R.D. or N.W.L.:</b> 4.5 m  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Type of Structure:</b>   | 01 - AASH to Girder  |  | <b>Max Depth of N.W.L.:</b> 0.5 m  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Purpose of Structure:</b>  | 03 - Over Navigable Waters   |  | <b>Spans:</b>  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Type of Handrail:</b>  | 01 - Aluminum Rail   |  | <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Span No.:</u></th> <th style="text-align: left;"><u>Length</u></th> <th style="text-align: left;"><u>Span No.:</u></th> <th style="text-align: left;"><u>Length</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>31.3</td> <td>4</td> <td>0</td> </tr> <tr> <td>2</td> <td>0</td> <td>5</td> <td>0</td> </tr> <tr> <td>3</td> <td>0</td> <td>6</td> <td>0</td> </tr> </tbody> </table> | <u>Span No.:</u> | <u>Length</u> | <u>Span No.:</u> | <u>Length</u> | 1 | 31.3 | 4 | 0 | 2 | 0 | 5 | 0 | 3 | 0 | 6 | 0 |
| <u>Span No.:</u>  | <u>Length</u>  | <u>Span No.:</u>                                       | <u>Length</u>  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| 1   | 31.3   | 4  | 0  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| 2   | 0  | 5  | 0  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| 3   | 0  | 6  | 0  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Roadway Surface:</b>   | 01 - Concrete  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Alignment Vertical:</b>  | 02 - Adequate  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Alignment Horizontal:</b>  | 01 - Good  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Restrictions:</b>  | No   |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>BRIDGE PHOTOS</b>  |  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <div style="display: flex; justify-content: space-around;">   </div> |  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>SUBSTRUCTURE</b>   |  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Condition:</b>   | G - Good   | <b>Bearings:</b>                                       | G - Good   |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
|   |  | <b>Bearing Seat:</b>                                   | G - Good   |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Comments:</b>  |  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>SUPERSTRUCTURE</b>   |  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Condition:</b>   | G - Good   | <b>Expansion Joints:</b>                               | I - Inapplicable   |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Comments:</b>  | No visible mechanical joints.  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>DECK</b>   |  |  |  |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Condition:</b>   | G - Good   | <b>Curbs:</b>  | G - Good   |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |
| <b>Hand Rail:</b>   | G - Good   | <b>Roadway Condition:</b>                              | G - Good   |                  |               |                  |               |   |      |   |   |   |   |   |   |   |   |   |   |

|  |   |                                     |                             |
|--|---|-------------------------------------|-----------------------------|
| <b>Approach Rail:</b>  | G - Good  |                                     |                             |
| <b>Comments:</b>   | Some asphalt deterioration. Minor erosion of asphalt near end block . |                                     |                             |
| <b>HYDROLOGY</b>   |   |                                     |                             |
| <b>Water Velocity:</b>   | 0 m/s   | <b>Ice Problem:</b>                 | K - Known Problem           |
| <b>Water Depth:</b>  | 0 m   | <b>Scour Problem:</b>               | P - Possible 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>   | \$0   | <b>Replacement Cost:</b>            | \$0                         |
| <b>Recommendations:</b>  | Repair deteriorated asphalt.  |                                     |                             |
| <b>OBSERVATIONS</b>  |   |                                     |                             |
| <b>Overall Condition:</b>  | G - Good  | <b>Requires Further Inspection:</b> | No                          |
| <b>Additional Observations:</b>  |   |                                     |                             |
| <b>LEGEND:</b>   |   |                                     |                             |
| <b>Condition Definitions:</b>  |   |                                     |                             |
| 1 - *Good - [discontinued code].   | F2 - Fair.  | C - Unsafe (Closed to Public).      | <b>Problem Definitions:</b> |
| 2 - *Fair - [discontinued code].   | F1 - Fair.  | U - Uninspectable.                  | N - No Problem.             |
| 3 - *Poor - [discontinued code].   | P3 - Poor.  | I - Inapplicable.                   | P - Possible Problem.       |
| 4 - *Unsafe - [discontinued code].   | P1 - Poor.  |                                     | K - Known Problem.          |
| G - Good.  | P - Poor.   |                                     | NA - Not Applicable.        |
| <b>Category Definitions:</b>   |   |                                     |                             |
| Maint. - Maintenance.  |   |                                     |                             |
| Eng. - Engineering.  |   |                                     |                             |
| Office - Bridge Office.  |   |                                     |                             |
| <b>PHOTO GUIDELINES:</b>   |   |                                     |                             |
| <b>Inspection Photos:</b>  |   |                                     |                             |
| Please provide photos using guidelines below:  |   |                                     |                             |
| <ul style="list-style-type: none"> <li>● Any item which inspector feels should be documented by photograph</li> <li>● All items noted above as being P3, P1, P, or C</li> <li>● Any evidence of known ice, scour, debris, waterway problems</li> </ul> |   |                                     |                             |
| <b>INSPECTION PHOTOS</b>   |   |                                     |                             |