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|  | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure   | <b>BRIDGE INSPECTION REPORT</b><br><b>B02062023-11</b> |                              |
| <b>Date:</b> 5/4/2022   | <b>Inspected By:</b> Mike Fleming  | <b>Category:</b> Eng. - Engineering                    |                              |
| <b>BRIDGE INFORMATION</b>   |  |  |                              |
| <b>Site:</b>  | TCH-138 - MASSEY DRIVE OVERPASS (EASTBOUND)  |  |                              |
| <b>Route:</b>   |  | <b>Overall Length:</b>                                 | 34.1 m                       |
| <b>Year Built:</b>  | 1993   | <b>Est:</b> No   | <b>Overall Width:</b> 12.5 m |
| <b>Year Last Rehab.:</b>  |  | <b>Est:</b> No   | <b>Roadway Width:</b> 10.6 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>                    | 5 m                          |
| <b>Type of Structure:</b>   | 04 - Rigid Frame   | <b>Max Depth of N.W.L.:</b>                            | 0 m                          |
| <b>Purpose of Structure:</b>  | 01 - Highway Grade Separation  | <b>Spans:</b>  |                              |
| <b>Type of Handrail:</b>  | 01 - Aluminum Rail   | <u>Span No.:</u>                                       | <u>Length</u>                |
| <b>Roadway Surface:</b>   | 02 - Asphalt   | 1  | 22.3                         |
| <b>Alignment Vertical:</b>  | 01 - Good  | 2  | 0                            |
| <b>Alignment Horizontal:</b>  | 01 - Good  | 3  | 0                            |
| <b>Restrictions:</b>  | No   | 4  | 0                            |
|   |  | 5  | 0                            |
|   |  | 6  | 0                            |
| <b>BRIDGE PHOTOS</b>  |  |  |                              |
| <b>SUBSTRUCTURE</b>   |  |  |                              |
| <b>Condition:</b>   | F2 - Fair  | <b>Bearings:</b>                                       | I - Inapplicable             |
|   |  | <b>Bearing Seat:</b>                                   | I - Inapplicable             |
| <b>Comments:</b>  |  |  |                              |
| <b>SUPERSTRUCTURE</b>   |  |  |                              |
| <b>Condition:</b>   | F2 - Fair  | <b>Expansion Joints:</b>                               | I - Inapplicable             |
| <b>Comments:</b>  | spalled section on soffit  |  |                              |
| <b>DECK</b>   |  |  |                              |
| <b>Condition:</b>   | F2 - Fair  | <b>Curbs:</b>  | F2 - Fair                    |
| <b>Hand Rail:</b>   | F2 - Fair  | <b>Roadway Condition:</b>                              | F2 - Fair                    |
| <b>Approach Rail:</b>   | F1 - Fair  |  |                              |
| <b>Comments:</b>  | Light to moderate damage noted on hand rail and approach rail; minor/light rutting and deterioration of roadway. Significant amount of winter sand accumulation along curbs. |  |                              |
| <b>HYDROLOGY</b>  |  |  |                              |
| <b>Water Velocity:</b>  | 0 m/s  | <b>Ice Problem:</b>                                    | NA - Not Applicable          |
| <b>Water Depth:</b>   | 0 m  | <b>Scour Problem:</b>                                  | NA - Not Applicable          |
| <b>Waterway:</b>  | 03 - Not Applicable  | <b>Debris Problem:</b>                                 | NA - Not Applicable          |

|  |            |                                     |                       |
|--|------------|-------------------------------------|-----------------------|
| <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>  |            |                                     |                       |
| <b>OBSERVATIONS</b>  |            |                                     |                       |
| <b>Overall Condition:</b>  | F2 - Fair  | <b>Requires Further Inspection:</b> | No                    |
| <b>Additional Observations:</b> No Hazard Markers; Pics on File  |            |                                     |                       |
| <b>LEGEND:</b>   |            |                                     |                       |
| <b>Condition Definitions:</b>  |            | <b>Problem Definitions:</b>         |                       |
| 1 - *Good - [discontinued code].   | F2 - Fair. | C - Unsafe (Closed to Public).      | N - No Problem.       |
| 2 - *Fair - [discontinued code].   | F1 - Fair. | U - Uninspectable.                  | P - Possible Problem. |
| 3 - *Poor - [discontinued code].   | P3 - Poor. | I - Inapplicable.                   | K - Known Problem.    |
| 4 - *Unsafe - [discontinued code].   | P1 - Poor. |                                     | NA - Not Applicable.  |
| G - Good.  | P - Poor.  |                                     |                       |
| <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>   |            |                                     |                       |

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2024.