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|  | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | BRIDGE INSPECTION REPORT B01052021-12 | |
| Date: 5/19/2020 | Inspected By: Mike Fleming | Category: Eng. - Engineering | |
| BRIDGE INFORMATION | | | |
| Site: | TCH-109 - TCH-RT.470 UNDERPASS ISLES AUX MORT | | |
| Route: | | Overall Length: | 47.2 m |
| Year Built: | 1988 | Est: No | Overall Width: 9.8 m |
| Year Last Rehab.: | | Est: No | Roadway Width: 7.8 m |
| Region: | WEST COAST/NORTHERN | | Sidewalk Width: 0 m |
| Jurisdiction: | Provincial | | Clearance to R.D. or N.W.L.: 0 m |
| Type of Structure: | 04 - Rigid Frame | | Max Depth of N.W.L.: 0 m |
| Purpose of Structure: | 01 - Highway Grade Separation | | Spans: |
| Type of Handrail: | 01 - Aluminum Rail | | <u>Span No.:</u> <u>Length</u> <u>Span No.:</u> <u>Length</u> |
| Roadway Surface: | 02 - Asphalt | 1 | 3.9 4 0 |
| Alignment Vertical: | 01 - Good | 2 | 30.1 5 0 |
| Alignment Horizontal: | 02 - Adequate | 3 | 3.9 6 0 |
| Restrictions: | No | | |
| BRIDGE PHOTOS | | | |
| SUBSTRUCTURE | | | |
| Condition: | G - Good | Bearings: | I - Inapplicable |
| | | Bearing Seat: | I - Inapplicable |
| Comments: | Efflorescence deposits on abutment wall noted | | |
| SUPERSTRUCTURE | | | |
| Condition: | G - Good | Expansion Joints: | I - Inapplicable |
| Comments: | minor amount of exposed rebar on underside of deck. | | |
| DECK | | | |
| Condition: | G - Good | Curbs: | G - Good |
| Hand Rail: | G - Good | Roadway Condition: | G - Good |
| Approach Rail: | F2 - Fair | | |
| Comments: | Some damage noted on one buried end of approach rail | | |
| HYDROLOGY | | | |
| Water Velocity: | 0 m/s | Ice Problem: | NA - Not Applicable |
| Water Depth: | 0 m | Scour Problem: | NA - Not Applicable |
| Waterway: | 03 - Not Applicable | Debris Problem: | NA - Not Applicable |
| Comments: | | | |

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| REPLACEMENT/REHABILITATION | | | |
| Next Rehab. Date: | 2021 | Replacement Year: | 2021 |
| Antic. Rehab. Cost: | \$0 | Replacement Cost: | \$0 |
| Recommendations: | N/A | | |
| OBSERVATIONS | | | |
| Overall Condition: | G - Good | Requires Further Inspection: | No |
| Additional Observations: | No hazard markers and some accumulation of winter sand on deck. Inspection pictures are on file due to size upload restrictions. | | |
| LEGEND: | | | |
| Condition Definitions: | | Problem Definitions: | |
| 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. | | |
| Category Definitions: | | | |
| | | | Maint. - Maintenance. |
| | | | Eng. - Engineering. |
| | | | Office - Bridge Office. |
| PHOTO GUIDELINES: | | | |
| Inspection Photos: | | | |
| Please provide photos using guidelines below: | | | |
| <ul style="list-style-type: none"> ● Any item which inspector feels should be documented by photograph ● All items noted above as being F3, P1, P, or C ● Any evidence of known ice, scour, debris, waterway problems | | | |
| INSPECTION PHOTOS | | | |

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2021.