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|  | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | BRIDGE INSPECTION REPORT B11202017-1 | |
| Date: 11/20/2017 | Inspected By: AB | Category: Eng. - Engineering | |
| BRIDGE INFORMATION | | | |
| Site: | TCH-020 - THORBURN LAKE CNR OVERPASS | | |
| Route: | 1 | Overall Length: | 31 m |
| Year Built: | 1964 | Est: No | Overall Width: 14 m |
| Year Last Rehab.: | | Est: No | Roadway Width: 12.6 m |
| Region: | CENTRAL EAST | Sidewalk Width: | 0 m |
| Jurisdiction: | Provincial | Clearance to R.D. or N.W.L.: | 7.6 m |
| Type of Structure: | 04 - Rigid Frame | Max Depth of N.W.L.: | 0 m |
| Purpose of Structure: | 02 - Highway Railway Separation | Spans: | |
| Type of Handrail: | 02 - Concrete Rail | <u>Span No.:</u> | <u>Length</u> |
| Roadway Surface: | 02 - Asphalt | 1 | 13 |
| Alignment Vertical: | 02 - Adequate | 2 | 0 |
| Alignment Horizontal: | 01 - Good | 3 | 0 |
| Restrictions: | No | <u>Span No.:</u> | <u>Length</u> |
| | | 4 | 0 |
| | | 5 | 0 |
| | | 6 | 0 |
| BRIDGE PHOTOS | | | |
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| SUBSTRUCTURE | | | |
| Condition: | U - Uninspectable | Bearings: | U - Uninspectable |
| | | Bearing Seat: | I - Inapplicable |
| Comments: | Abutments and wingwalls buried. were removed to at least 1000mm below subgrade depth. | | |
| SUPERSTRUCTURE | | | |
| Condition: | I - Inapplicable | Expansion Joints: | I - Inapplicable |
| Comments: | | | |
| DECK | | | |
| Condition: | I - Inapplicable | Curbs: | I - Inapplicable |
| Hand Rail: | I - Inapplicable | Roadway Condition: | I - Inapplicable |

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| Approach Rail: | I - Inapplicable | | |
| Comments: | | | |
| HYDROLOGY | | | |
| Water Velocity: | n/a m/s | Ice Problem: | NA - Not Applicable |
| Water Depth: | n/a m | Scour Problem: | NA - Not Applicable |
| Waterway: | 03 - Not Applicable | Debris Problem: | NA - Not Applicable |
| Comments: | | | |
| REPLACEMENT/REHABILITATION | | | |
| Next Rehab. Date: | | Replacement Year: | |
| Antic. Rehab. Cost: | \$0 | Replacement Cost: | \$0 |
| Recommendations: | Bridge removed and replaced with 4140mm CS Multi-plate. Multi-plate installed and buried to within 3000mm of bridge in fall of 2016. Bridge removed, subgrade, granular and paving completed in mid November 2017. Project by J1 Contracting Ltd. | | |
| OBSERVATIONS | | | |
| Overall Condition: | I - Inapplicable | Requires Further Inspection: | No |
| Additional Observations: | | | |
| 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 P3, 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.