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|  | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | BRIDGE INSPECTION REPORT B01162020-3 | |
| Date: 8/20/2019 | Inspected By: Lynch R / Martin L | Category: Eng. - Engineering | |
| BRIDGE INFORMATION | | | |
| Site: | 3-183 - OLD TRAVERSE BROOK BRIDGE | | |
| Route: | 320 | Overall Length: | 0 m |
| Year Built: | 1951 | Est: No | Overall Width: 0 m |
| Year Last Rehab.: | | Est: No | Roadway Width: 0 m |
| Region: | CENTRAL WEST | Sidewalk Width: | 0 m |
| Jurisdiction: | Provincial | Clearance to R.D. or N.W.L.: | 0 m |
| Type of Structure: | 10 - Callender-Hamilton or Other Stress Truss Bridge | Max Depth of N.W.L.: | 0 m |
| Purpose of Structure: | 04 - Over Non-Navigable Waters | Spans: | |
| Type of Handrail: | 02 - Concrete Rail | <u>Span No.:</u> | <u>Length</u> |
| Roadway Surface: | 01 - Concrete | 1 | 0 |
| Alignment Vertical: | 01 - Good | 2 | 0 |
| Alignment Horizontal: | 01 - Good | 3 | 0 |
| Restrictions: | No | 4 | 0 |
| | | 5 | 0 |
| | | 6 | 0 |
| BRIDGE PHOTOS | | | |
| SUBSTRUCTURE | | | |
| Condition: | F2 - Fair | Bearings: | I - Inapplicable |
| | | Bearing Seat: | I - Inapplicable |
| Comments: | Concrete disintegrating at all corners and most faces. Still predominantly sound. | | |
| SUPERSTRUCTURE | | | |
| Condition: | P - Poor | Expansion Joints: | I - Inapplicable |
| Comments: | Beams beneath deck are in good shape besides at exposed corners; rebar exposed and concrete is cracked and disintegrated. Major cracking in RHS arch on span #2 at the top. | | |
| DECK | | | |
| Condition: | F1 - Fair | Curbs: | I - Inapplicable |
| Hand Rail: | P - Poor | Roadway Condition: | I - Inapplicable |
| Approach Rail: | I - Inapplicable | | |
| Comments: | Deck is in pretty good shape in the centre; edges are severely disintegrated. Hand rails missing in numerous areas; cracked and disintegrated throughout. | | |
| HYDROLOGY | | | |
| Water Velocity: | 0 m/s | Ice Problem: | P - Possible Problem |
| Water Depth: | 0 m | Scour Problem: | K - Known Problem |
| Waterway: | 01 - Adequate | Debris Problem: | N - No Problem |

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| Comments: Abutments, wing walls and footings in span #2 (Hare Bay side) is more heavily scoured than span #1 | |
| REPLACEMENT/REHABILITATION | |
| Next Rehab. Date: | Replacement Year: |
| Antic. Rehab. Cost: \$0 | Replacement Cost: \$0 |
| Recommendations: Install larger rock barriers to restrict traffic. Repair railings. | |
| OBSERVATIONS | |
| Overall Condition: P - Poor | Requires Further Inspection: No |
| Additional Observations: ATV traffic only. Eel net on span #2 upstream (LHS). | |
| LEGEND: | |
| Condition Definitions: 1 - *Good - [discontinued code]. 2 - *Fair - [discontinued code]. 3 - *Poor - [discontinued code]. 4 - *Unsafe - [discontinued code]. G - Good. | Problem Definitions: N - No Problem. P - Possible Problem. K - Known Problem. NA - Not Applicable. |
| F2 - Fair. F1 - Fair. P3 - Poor. P1 - Poor. 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.