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|  | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | BRIDGE INSPECTION REPORT B08092021-8 | |
| Date: 7/6/2021 | Inspected By: Justine Geddes | Category: Office - Bridge Office | |
| BRIDGE INFORMATION | | | |
| Site: | 3-013 - DILDO RUN BRIDGE | | |
| Route: | | Overall Length: | 88.3 m |
| Year Built: | 1963 | Est: No | Overall Width: 8 m |
| Year Last Rehab.: | | Est: No | Roadway Width: 7.3 m |
| Region: | CENTRAL WEST | Sidewalk Width: | 0 m |
| Jurisdiction: | Provincial | Clearance to R.D. or N.W.L.: | 2.5 m |
| Type of Structure: | 01 - AASH to Girder | Max Depth of N.W.L.: | 2 m |
| Purpose of Structure: | 03 - Over Navigable Waters | Spans: | |
| Type of Handrail: | 01 - Aluminum Rail | Span No.: | Length |
| Roadway Surface: | 02 - Asphalt | 1 | 25.4 |
| Alignment Vertical: | 01 - Good | 2 | 28.1 |
| Alignment Horizontal: | 02 - Adequate | 3 | 25.4 |
| Restrictions: | No | Span No.: | Length |
| | | 4 | 0 |
| | | 5 | 0 |
| | | 6 | 0 |
| BRIDGE PHOTOS | | | |
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| SUBSTRUCTURE | | | |
| Condition: | P3 - Poor | Bearings: | F1 - Fair |
| | | Bearing Seat: | F1 - Fair |
| Comments: | Piers showing spalled concrete and exposed rebar at water line, and cracking further up, possible scour - recommend a diving inspection/osim to confirm. abutments in good condition | | |
| SUPERSTRUCTURE | | | |
| Condition: | F1 - Fair | Expansion Joints: | F1 - Fair |
| Comments: | a couple of places with rusted stirrups showing on underside of girders. | | |
| DECK | | | |
| Condition: | F1 - Fair | Curbs: | F1 - Fair |
| Hand Rail: | F1 - Fair | Roadway Condition: | F1 - Fair |

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| Approach Rail: | F2 - Fair | | |
| Comments: | outside edge of curbs starting to crack and spall, expect to replace curbs and rails in next 10 years. | | |
| HYDROLOGY | | | |
| Water Velocity: | fast m/s | Ice Problem: | N - No Problem |
| Water Depth: | deep m | Scour Problem: | P - Possible Problem |
| Waterway: | 01 - Adequate | Debris Problem: | N - No Problem |
| Comments: | recommend diving inspection to confirm if scour problem. | | |
| REPLACEMENT/REHABILITATION | | | |
| Next Rehab. Date: | 2023 | Replacement Year: | 2041 |
| Antic. Rehab. Cost: | \$50000 | Replacement Cost: | \$0 |
| Recommendations: | rehab year for inspection osim/diving. 5-10 years before next significant rehab expected: rails, curbs, pier repairs. possibly could convert to semi integral depending on inspection results. expect 20-30 years left in bridge, would benefit from inspection path | | |
| OBSERVATIONS | | | |
| Overall Condition: | F2 - Fair | Requires Further Inspection: | No |
| Additional Observations: | Very high bridge on narrow road, short sightlines from north, narrow shoulders, steep embankments. Will need traffic control for detailed inspections. can access under bridge from west side both sides with caution Hazards: height, traffic, slipping, falling, uneven footing. | | |
| LEGEND: | | | |
| Condition Definitions: | | | |
| 1 - *Good - [discontinued code]. | F2 - Fair. | C - Unsafe (Closed to Public). | Problem Definitions: |
| 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. |
| 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 B, F, P, or C ● Any evidence of known ice, scour, debris, waterway problems | | | |
| INSPECTION PHOTOS | | | |