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|  | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | BRIDGE INSPECTION REPORT B06082023-12 | |
| Date: 5/28/2023 | Inspected By: M Button/S Walsh | Category: Office - Bridge Office | |
| BRIDGE INFORMATION | | | |
| Site: | TCH-180 - TORBAY ROAD OVERPASS NORTH | | |
| Route: | 1 | Overall Length: | 78.5 m |
| Year Built: | 2000 | Est: No | Overall Width: 22.5 m |
| Year Last Rehab.: | | Est: No | Roadway Width: 8.7 m |
| Region: | AVALON PENINSULA | Sidewalk Width: | 1.8 m |
| Jurisdiction: | Provincial | Clearance to R.D. or N.W.L.: | 5 m |
| Type of Structure: | 05 - Pre-stressed Concrete Slab | Max Depth of N.W.L.: | 0 m |
| Purpose of Structure: | 01 - Highway Grade Separation | Spans: | |
| Type of Handrail: | 01 - Aluminum Rail | Span No.: | Length |
| Roadway Surface: | 02 - Asphalt | 1 | 32.38 |
| Alignment Vertical: | 01 - Good | 2 | 37.111 |
| Alignment Horizontal: | 01 - Good | 3 | 0 |
| Restrictions: | No | 4 | 0 |
| | | 5 | 0 |
| | | 6 | 0 |
| BRIDGE PHOTOS | | | |
|  | |  | |
| SUBSTRUCTURE | | | |
| Condition: | F2 - Fair | Bearings: | F1 - Fair |
| | | Bearing Seat: | F2 - Fair |
| Comments: | Light corrosion on all bearings, F1. - Remainder appears to be in good condition with very minor cracks, F2. | | |
| SUPERSTRUCTURE | | | |
| Condition: | F2 - Fair | Expansion Joints: | P3 - Poor |
| Comments: | East expansion joint is damaged, minor efflorescence observed at northeast deck soffit, F1. - Remainder appears to be in good condition, F2. | | |
| DECK | | | |
| Condition: | F2 - Fair | Curbs: | F1 - Fair |
| | F2 - Fair | | P3 - Poor |

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|-----------------------------------|---|-------------------------------------|---------------------|
| Hand Rail: | | Roadway Condition: | |
| Approach Rail: | F1 - Fair | | |
| Comments: | Damage on approach guiderail posts, F1. - Rutting and potholes observed in the roadway, P3. | | |
| 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: | 2038 | Replacement Year: | 2070 |
| Antic. Rehab. Cost: | \$100000 | Replacement Cost: | \$0 |
| Recommendations: | | | |
| OBSERVATIONS | | | |
| Overall Condition: | F2 - Fair | Requires Further Inspection: | No |
| Additional Observations: | P3 - Rutting and potholes observed on the roadway. F1 - Light corrosion on all bearings, minor efflorescence observed northeast deck soffit. Remainder appears to be in good condition, F2. | | |

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