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|  | | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | | BRIDGE INSPECTION REPORT B02022024-5 | |
| Date: 11/17/2023 | | Inspected By: Strugnell | | Category: Eng. - Engineering | |
| BRIDGE INFORMATION | | | | | |
| Site: | | 3-001 - FLAT ROCK TICKLE BRIDGE - R | | | |
| SUBSTRUCTURE | | | | | |
| Condition: | | F2 - Fair | Bearings: | | F2 - Fair |
| | | | Bearing Seat: | | F2 - Fair |
| Comments: | | Scaling/spalling/cracking in wingwalls, pattern cracking in wingwalls, bearing seats ok | | | |
| SUPERSTRUCTURE | | | | | |
| Condition: | | F2 - Fair | Expansion Joints: | | P3 - Poor |
| Comments: | | Hairline cracking in bottom flange of girders, expansion joints full of sand and steel armor damaged in places and missing, expansion joints partly paved over and very rough | | | |
| DECK | | | | | |
| Condition: | | F2 - Fair | Curbs: | | F2 - Fair |
| Hand Rail: | | F1 - Fair | Roadway Condition: | | F1 - Fair |
| Approach Rail: | | F1 - Fair | | | |
| Comments: | | Asphalt settlement at both approaches with asphalt patches at approaches and deck, handrail damaged in various areas, approach rail damaged, transverse cracks in asphalt deck | | | |
| HYDROLOGY | | | | | |
| Water Velocity: | | 0 m/s | Ice Problem: | | N - No Problem |
| Water Depth: | | 0 m | Scour Problem: | | N - No Problem |
| Waterway: | | 01 - Adequate | Debris Problem: | | N - No Problem |
| Comments: | | Tide was high during inspection, but both abutments out of water, no sign of scour during inspection | | | |
| REPLACEMENT/REHABILITATION | | | | | |
| Next Rehab. Date: | | Replacement Year: | | | |
| Antic. Rehab. Cost: | | \$0 | Replacement Cost: | | \$0 |
| Recommendations: | | Replace expansion joints, repair deck and waterproof and pave, | | | |
| OBSERVATIONS | | | | | |
| Overall Condition: | | F1 - Fair | Requires Further Inspection: | | No |
| Additional Observations: | | Sand build up on deck along curbs, waterline on top of footing, sign hanging over bridge with rope saying please slow down | | | |

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