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|  | | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | | BRIDGE INSPECTION REPORT B01312024-17 | |
| Date: 10/30/2023 | | Inspected By: Strugnell/Hodder | | Category: Eng. - Engineering | |
| BRIDGE INFORMATION | | | | | |
| Site: | | 3-058 - WINDMILL BROOK BRIDGE #2 SOUTH - R330 | | | |
| SUBSTRUCTURE | | | | | |
| Condition: | | F1 - Fair | Bearings: | | U - Uninspectable |
| | | | Bearing Seat: | | F1 - Fair |
| Comments: | | Cracks/spalls/delamination's in abutments/wingwalls at top of all four corners | | | |
| SUPERSTRUCTURE | | | | | |
| Condition: | | P3 - Poor | Expansion Joints: | | U - Uninspectable |
| Comments: | | Expansion joints paved over, both outside double tees disintegrated with cables busted off and in brook upstream side, inside double tees ok | | | |
| DECK | | | | | |
| Condition: | | F1 - Fair | Curbs: | | P3 - Poor |
| Hand Rail: | | P3 - Poor | Roadway Condition: | | F2 - Fair |
| Approach Rail: | | P3 - Poor | | | |
| Comments: | | Severe concrete disintegration in curbs entire length with rebar visible, undermining at handrail post in multiple areas, not structural rail, approach rail has creosote post | | | |
| HYDROLOGY | | | | | |
| Water Velocity: | | 0 m/s | Ice Problem: | | N - No Problem |
| Water Depth: | | 0 m | Scour Problem: | | P - Possible Problem |
| Waterway: | | 01 - Adequate | Debris Problem: | | N - No Problem |
| Comments: | | Water too high to see under bridge, possible scour downstream at abutment two | | | |
| REPLACEMENT/REHABILITATION | | | | | |
| Next Rehab. Date: | | Replacement Year: | | | |
| Antic. Rehab. Cost: | | \$0 | Replacement Cost: | | \$0 |
| Recommendations: | | Replace outside double tees, rehab curbs, install new handrails, approach rails, or replace with multiplate | | | |
| OBSERVATIONS | | | | | |
| Overall Condition: | | P3 - Poor | Requires Further Inspection: | | No |
| Additional Observations: | | Salmon river | | | |

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