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|  | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | BRIDGE INSPECTION REPORT B02072024-6 | |
| Date: 11/29/2023 | Inspected By: Sharron/Rebello | Category: Eng. - Engineering | |
| BRIDGE INFORMATION | | | |
| Site: | TCH-031 - GANDER RIVER BRIDGE, QUEEN ELIZABETH BRIDGE 2 - R | | |
| SUBSTRUCTURE | | | |
| Condition: | F2 - Fair | Bearings: F2 - Fair | |
| | | Bearing Seat: F2 - Fair | |
| Comments: | Southwest wingwall undermined possible from waterline installation, minor hairline cracks in abutments and piers, spall at southeast corner of abutment/wingwall with rebar exposed, sidewalk drains directly above bearing seats | | |
| SUPERSTRUCTURE | | | |
| Condition: | F2 - Fair | Expansion Joints: F2 - Fair | |
| Comments: | Signs of expansion joints leaking near curbs/jersey barrier, sand build up in expansion joints | | |
| DECK | | | |
| Condition: | F1 - Fair | Curbs: F2 - Fair | |
| Hand Rail: | F2 - Fair | Roadway Condition: F1 - Fair | |
| Approach Rail: | F1 - Fair | | |
| Comments: | Erosion at curbs/jersey barriers at all four corners, approach settled on both ends, shoulder settled on west end sidewalk and undermined, sealant at expansion joint has areas missing or opened up, cracks and potholes at west exit, sand build up on deck at sidewalk and drains blocked, plow damage to guiderail | | |
| 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: | | | |
| REPLACEMENT/REHABILITATION | | | |
| Next Rehab. Date: | | Replacement Year: | |
| Antic. Rehab. Cost: | \$0 | Replacement Cost: | \$0 |
| Recommendations: | | | |
| OBSERVATIONS | | | |
| Overall Condition: | F2 - Fair | Requires Further Inspection: No | |
| Additional Observations: | Salmon river, navigation lights on east side between piers, concrete exposed deck | | |