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|---|--|---|------------------------------|--|----------------|
|  |  | GOVERNMENT OF<br>NEWFOUNDLAND<br>AND LABRADOR<br>Department of Transportation and Infrastructure  |                              | <b>BRIDGE INSPECTION REPORT</b><br><b>B02072024-14</b> |                |
| Date: 12/11/2023  |  | Inspected By: Sharron/Rebello   |                              | Category: Eng. - Engineering                           |                |
| <b>BRIDGE INFORMATION</b>   |  |   |                              |  |                |
| Site:   |  | 3-095 - PETER'S RIVER BRIDGE - R3-1-12  |                              |  |                |
| <b>SUBSTRUCTURE</b>   |  |   |                              |  |                |
| Condition:  |  | F2 - Fair   | Bearings:                    |  | F2 - Fair      |
|   |  |   | Bearing Seat:                |  | F2 - Fair      |
| Comments:   |  | Crack in center of both abutments as well as hairline cracks on each side   |                              |  |                |
| <b>SUPERSTRUCTURE</b>   |  |   |                              |  |                |
| Condition:  |  | F2 - Fair   | Expansion Joints:            |  | P3 - Poor      |
| Comments:   |  | Expansion joints both leaking with water build up on both bearing seats, appears joint gasket is out on north expansion joint, sand build up in both joints   |                              |  |                |
| <b>DECK</b>   |  |   |                              |  |                |
| Condition:  |  | F1 - Fair   | Curbs:                       |  | F2 - Fair      |
| Hand Rail:  |  | F1 - Fair   | Roadway Condition:           |  | F1 - Fair      |
| Approach Rail:  |  | F1 - Fair   |                              |  |                |
| Comments:   |  | Both approaches settled with potholes that have been patched, minor erosion on south side end blocks, north concrete gutter broken off and buried with asphalt placed over it, excessive sand build up on deck at curbs, no structural rail and not enough guiderail, not to spec, only one length on each side |                              |  |                |
| <b>HYDROLOGY</b>  |  |   |                              |  |                |
| 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:   |  |   |                              |  |                |
| <b>REPLACEMENT/REHABILITATION</b>   |  |   |                              |  |                |
| Next Rehab. Date:   |  |   | Replacement Year:            |  |                |
| Antic. Rehab. Cost:   |  | \$0   | Replacement Cost:            |  | \$0            |
| Recommendations:  |  | Replace expansion joints, replace and install structural guiderail, fix approaches and repave, repair or replace damaged handrail   |                              |  |                |
| <b>OBSERVATIONS</b>   |  |   |                              |  |                |
| Overall Condition:  |  | F2 - Fair   | Requires Further Inspection: |  | No             |
| Additional Observations:  |  |   |                              |  |                |