




|  | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | BRIDGE INSPECTION REPORT B08232021-1 | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|------------------------------|---------------|--|--|--|------------------|---------------|------------------|---------------|---|----|---|---|---|---|---|---|---|---|---|---|
| Date: 7/6/2021 | Inspected By: Justine Geddes | Category: Office - Bridge Office | | | | | | | | | | | | | | | | | | | | | |
| BRIDGE INFORMATION | | | | | | | | | | | | | | | | | | | | | | | |
| Site: | 3-031 - INDIAN ARM BRK BRIDGE CAMPBELLTON 2 | | | | | | | | | | | | | | | | | | | | | | |
| Route: | | Overall Length: | 19.9 m | | | | | | | | | | | | | | | | | | | | |
| Year Built: | 1970 | Est: No | Overall Width: 11.8 m | | | | | | | | | | | | | | | | | | | | |
| Year Last Rehab.: | | Est: No | Roadway Width: 9.5 m | | | | | | | | | | | | | | | | | | | | |
| Region: | CENTRAL WEST | Sidewalk Width: | 0 m | | | | | | | | | | | | | | | | | | | | |
| Jurisdiction: | Provincial | Clearance to R.D. or N.W.L.: | 2.5 m | | | | | | | | | | | | | | | | | | | | |
| Type of Structure: | 01 - AASH to Girder | Max Depth of N.W.L.: | 1.5 m | | | | | | | | | | | | | | | | | | | | |
| Purpose of Structure: | 04 - Over Non-Navigable Waters | | | | | | | | | | | | | | | | | | | | | | |
| Type of Handrail: | 01 - Aluminum Rail | | | | | | | | | | | | | | | | | | | | | | |
| Roadway Surface: | 02 - Asphalt | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Spans:</th> </tr> <tr> <th><u>Span No.:</u></th> <th><u>Length</u></th> <th><u>Span No.:</u></th> <th><u>Length</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10</td> <td>4</td> <td>0</td> </tr> <tr> <td>2</td> <td>0</td> <td>5</td> <td>0</td> </tr> <tr> <td>3</td> <td>0</td> <td>6</td> <td>0</td> </tr> </tbody> </table> | | Spans: | | | | <u>Span No.:</u> | <u>Length</u> | <u>Span No.:</u> | <u>Length</u> | 1 | 10 | 4 | 0 | 2 | 0 | 5 | 0 | 3 | 0 | 6 | 0 |
| Spans: | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Span No.:</u> | <u>Length</u> | <u>Span No.:</u> | <u>Length</u> | | | | | | | | | | | | | | | | | | | | |
| 1 | 10 | 4 | 0 | | | | | | | | | | | | | | | | | | | | |
| 2 | 0 | 5 | 0 | | | | | | | | | | | | | | | | | | | | |
| 3 | 0 | 6 | 0 | | | | | | | | | | | | | | | | | | | | |
| Alignment Vertical: | 01 - Good | | | | | | | | | | | | | | | | | | | | | | |
| Alignment Horizontal: | 01 - Good | | | | | | | | | | | | | | | | | | | | | | |
| Restrictions: | No | | | | | | | | | | | | | | | | | | | | | | |
| BRIDGE PHOTOS | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | | | | | | | | | | |
| SUBSTRUCTURE | | | | | | | | | | | | | | | | | | | | | | | |
| Condition: | P3 - Poor | Bearings: | I - Inapplicable | | | | | | | | | | | | | | | | | | | | |
| | | Bearing Seat: | P3 - Poor | | | | | | | | | | | | | | | | | | | | |
| Comments: | Abutments in poor condition, significant efflorescence, cracking and spalling | | | | | | | | | | | | | | | | | | | | | | |
| SUPERSTRUCTURE | | | | | | | | | | | | | | | | | | | | | | | |
| Condition: | P3 - Poor | Expansion Joints: | U - Uninspectable | | | | | | | | | | | | | | | | | | | | |
| Comments: | parts of deck in poor condition both above and below. expansion joints either paved over or do not exist | | | | | | | | | | | | | | | | | | | | | | |
| DECK | | | | | | | | | | | | | | | | | | | | | | | |
| Condition: | P3 - Poor | Curbs: | P1 - Poor | | | | | | | | | | | | | | | | | | | | |
| Hand Rail: | F1 - Fair | Roadway Condition: | P1 - Poor | | | | | | | | | | | | | | | | | | | | |

| | | | |
|--|---|-------------------------------------|-----------------------|
| Approach Rail: | F1 - Fair | | |
| Comments: | potholes in roadway, curbs disintegrating. | | |
| HYDROLOGY | | | |
| Water Velocity: | slow m/s | Ice Problem: | N - No Problem |
| Water Depth: | shallow m | Scour Problem: | N - No Problem |
| Waterway: | 01 - Adequate | Debris Problem: | N - No Problem |
| Comments: | hard to say with the two bridges how the hydrology is working, a good candidate for a hydrology study | | |
| REPLACEMENT/REHABILITATION | | | |
| Next Rehab. Date: | 2021 | Replacement Year: | 2031 |
| Antic. Rehab. Cost: | \$80000 | Replacement Cost: | \$3000000 |
| Recommendations: | superficial rehab to start in the coming weeks. Bridge should be replaced within ten years, sooner if deck condition deteriorates. | | |
| OBSERVATIONS | | | |
| Overall Condition: | P3 - Poor | Requires Further Inspection: | No |
| Additional Observations: | Signs for salmon river on bridge. Municipal pipe attached on downstream side. Appears to be a monitoring station between the two rivers. traffic visibility ok, can park off shoulder, bridges have sidewalks. can get under bridge from all sides and walk underneath in low water. hazards: traffic, slippery rocks, slipping, stinging plants. | | |
| LEGEND: | | | |
| Condition Definitions: | | Problem Definitions: | |
| 1 - *Good - [discontinued code]. | F2 - Fair. | C - Unsafe (Closed to Public). | N - No Problem. |
| 2 - *Fair - [discontinued code]. | F1 - Fair. | U - Uninspectable. | P - Possible Problem. |
| 3 - *Poor - [discontinued code]. | P3 - Poor. | I - Inapplicable. | K - Known Problem. |
| 4 - *Unsafe - [discontinued code]. | P1 - Poor. | | NA - Not Applicable. |
| G - Good. | P - Poor. | | |
| Category Definitions: | | | |
| Maint. - Maintenance. | | | |
| Eng. - Engineering. | | | |
| Office - Bridge Office. | | | |
| PHOTO GUIDELINES: | | | |
| Inspection Photos: | | | |
| Please provide photos using guidelines below: | | | |
| <ul style="list-style-type: none"> ● Any item which inspector feels should be documented by photograph ● All items noted above as being P3, P1, P, or C ● Any evidence of known ice, scour, debris, waterway problems | | | |
| INSPECTION PHOTOS | | | |