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|  | GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure | BRIDGE INSPECTION REPORT B07062017-5 | |
| Date: 6/23/2017 | Inspected By: Kent Randell | Category: Eng. - Engineering | |
| BRIDGE INFORMATION | | | |
| Site: | 5-025 - WABUSH NARROWS BRIDGE | | |
| Route: | | Overall Length: | 41.6 m |
| Year Built: | 1996 | Est: No | Overall Width: 12.2 m |
| Year Last Rehab.: | | Est: No | Roadway Width: 9.9 m |
| Region: | LABRADOR | Sidewalk Width: | 1.1 m |
| Jurisdiction: | Provincial | Clearance to R.D. or N.W.L.: | 6.6 m |
| Type of Structure: | 08 - Steel Bridge | Max Depth of N.W.L.: | 2.5 m |
| Purpose of Structure: | 03 - Over Navigable Waters | Spans: | |
| Type of Handrail: | 01 - Aluminum Rail | Span No.: | Length |
| Roadway Surface: | 01 - Concrete | 1 | 28 |
| Alignment Vertical: | 01 - Good | 2 | 0 |
| Alignment Horizontal: | 01 - Good | 3 | 0 |
| Restrictions: | No | Span No.: | Length |
| | | 4 | 0 |
| | | 5 | 0 |
| | | 6 | 0 |
| BRIDGE PHOTOS | | | |
| <div style="display: flex; justify-content: space-around;">    </div> | | | |
| SUBSTRUCTURE | | | |
| Condition: | F2 - Fair | Bearings: | F2 - Fair |
| | | Bearing Seat: | F2 - Fair |
| Comments: | Minor deterioration in bearing. | | |
| SUPERSTRUCTURE | | | |
| Condition: | F2 - Fair | Expansion Joints: | F2 - Fair |
| Comments: | Expansion joints are leaking east and west. Surface rust flaking off the bottom flange of 2 beam from south side. | | |
| DECK | | | |
| Condition: | F2 - Fair | Curbs: | F2 - Fair |
| Hand Rail: | P1 - Poor | Roadway Condition: | F2 - Fair |

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| Approach Rail: | F2 - Fair |
| Comments: | Pothole developing in east end lane 0.6x0.4. Rebar exposed. 16 m, 32m and 3 uprights of handrail need to be addressed. |

HYDROLOGY

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|-----------------|---------------|-----------------|----------------|
| 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: | 2017 | Replacement Year: | 2017 |
| Antic. Rehab. Cost: | \$0 | Replacement Cost: | \$0 |
| Recommendations: | Bridge office to determine replacement and cost. | | |

OBSERVATIONS

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|--------------------------|------------------------|------------------------------|----|
| Overall Condition: | F2 - Fair | Requires Further Inspection: | No |
| Additional Observations: | Clean sand off bridge. | | |

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|--|---|---|---|---|
| LEGEND: | | | | |
| Condition Definitions: 1 - *Good - [discontinued code]. 2 - *Fair - [discontinued code]. 3 - *Poor - [discontinued code]. 4 - *Unsafe - [discontinued code]. G - Good. | F2 - Fair. F1 - Fair. P3 - Poor. P1 - Poor. P - Poor. | C - Unsafe (Closed to Public). U - Uninspectable. I - Inapplicable. | Problem Definitions: N - No Problem. P - Possible Problem. K - Known Problem. NA - Not Applicable. | Category Definitions: Maint. - Maintenance. Eng. - Engineering. Office - Bridge Office. |

PHOTO GUIDELINES:

Inspection Photos:

Please provide photos using guidelines below:

- 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



Description: