Date Printed: 2016/01/27
User Id: IDIR\JOLMSTED
Database: PROD
Report Id: CBR001B
File:

# BC Ministry of Forests and Range

*Log Stringer Bridge Inspection Report*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Structure #:** | G6-952 | **Site #:** | G6-360 | **Road Name:** | RAIN 3237 | **Inspection Date:** | 2015/09/23 |
| **KM:** | 2.10 | **User km:** | 2.10 | **Crossing Name:** | Unknown | **Next Inspection Date:** | 2017/09/23 |
| **Project File ID #:** | 9640 | **Br.** | 03 | **Forest District:** | Mackenzie Natural Resource District | | |

| | | | |
|---|---|---|---|
| **Deck Type:** | Timber - Untreated - Panels | **Running Surface:** | Timber Planks |
| **Superstructure** | Steel I-beam | **Abutments (Left/Right):** *(looking downstream)* | Crib, Log or Untreated Timber |

| | | | | | |
|---|---|---|---|---|---|
| **Total Length** *(metres)*: | 9.1 | **# Spans:** | 1 | **Span Length(s)** *(metres)*: | 9.1 |
| **UTM Zone:** | 10 | **UTM Easting:** | 428936 | **UTM Northing:** | 6098292 |

| | | | |
|---|---|---|---|
| **Inspector Name:** | Edward Folk, P.Eng. | **Year Superstructure Installed:** | 2006 |
| **Access:** | | | |

## ABUTMENTS

| | | |
|---|---|---|
| **Bearings** | Not Applicable | |
| **Bracing** | Not Applicable | |
| **Ballast Wall** | Fair | starting to rot |
| **Corrosion Protection** | Not Applicable | |
| **Caps or Sills** | Unrated | no access under struture |
| **Fill** | Good | |
| **Hardware** | Fair | |
| **Log/Timber Cribs** | Unrated | no crib |
| **Piles or Posts** | Not Applicable | |
| **Riprap** | Not Applicable | |
| **Tie-backs** | Not Applicable | |
| **Wing Wall** | Not Applicable | |

## APPROACHES

| | | |
|---|---|---|
| **Alignment** | Fair | |
| **Bridge Ahead Signs Missing** | 0 | |
| **Brushing Required** | No | |
| **Delineator Missing Left** (*approaching structure*) | 0 | |
| **Delineator Missing Right** (*approaching structure*) | 1 | on site but down |
| **Fender Condition** | Fair | starting to rot |
| **Road Surface** | Poor | need grading and unplug culverts |

**Corporate Bridge Register (CBR)**

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. S. OLMSTED
33080
2016-01-28

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

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|---|---|---|---|---|---|---|---|

## DECK

### Span 1

| | | |
|---|---|---|
| **Curb Rail/Blocks/Posts** | Fair | starting to show signs of rot |
| **Deck to Girder Bolts** | Fair | |
| **Hardware** | Fair | |
| **Hand Rails/Walkouts** | Not Applicable | |
| **Nails** | Fair | |
| **Overall Deck Condition** | Fair | |
| **Running Planks** | Fair | some are damaged and some are starting to rot |
| **Sub Deck** | Fair | |
| **Ties** | Fair | |

## SUPERSTRUCTURE

### Span 1

| | | |
|---|---|---|
| **Bracing** | Unrated | no access to underneath structure |
| **Diaphrams** | Unrated | no access to underneath structure |
| **Girders** | Fair | |
| **Hardware** | Unrated | no access to underneath structure |
| **Under Trussing** | Not Applicable | |

## CHANNEL

| | | | |
|---|---|---|---|
| **Estimated Present Water Level Depth:** | 0.1 | **Estimated Present Water Level Width:** | 1.1 |
| **Estimated High Water Level Clearance:** | 0.2 | | |

## HAZARDS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **High Water:** | No | **Scour:** | No | **Ice:** | No | **Debris:** | No | **Aggradation:** | No |

**Comment:**

## REPAIRS

| # | Status | Priority | Estimate | Description |
|---|---|---|---|---|
| | | | | |

## MONITORS

| # | Description |
|---|---|
| 1 | Deck starting to rot |

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|---|---|---|---|---|---|---|---|

| | | |
|---|---|---|
| GENERAL | **Inspector's Comment:** | sketchy access |
| GENERAL | **PEng's Comment:** | |

| | | | | | | |
|---|---|---|---|---|---|---|
| GENERAL | **Replacement Date for full log haul traffic** *(year)*: | 2021 | **Replacement Date for light vehicle traffic** *(year)*: | | | |
| | **Current Inspection Load Rating:** | 91 | **Design Load GVW** *(tonnes)*: | 91 | **Design Vehicle Config.:** | L100 |
| | **Professional Inspection Required?** | No | **Report Status:** | Reviewed By Jason Olmsted on 1/27/2016 11:54:06AM | | |

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