Date Printed: 2015/12/17
User Id: IDIR\JOLMSTED
Database: PROD
Report Id: CBR001A
File:

# BC Ministry of Forests and Range

*Permanent Bridge Inspection Report*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Structure #:** | G1-634 | **Site #:** | G1-634 | **Road Name:** | SALMON FSR | **Inspection Date:** | 2015/09/09 |
| **KM:** | 37.80 | **User km:** | 37.80 | **Crossing Name:** | Unknown | **Next Inspection Date:** | 2018/09/09 |
| **Project File ID #:** | 7727 | **Br.** | 01 | **Forest District:** | Prince George Natural Resource District | | |

| | | | |
|---|---|---|---|
| **Deck Type:** | Concrete Composite | **Running Surface:** | Concrete |
| **Superstructure** | Steel I-beam | **Abutments (Left/Right):** *(looking downstream)* | Steel Pipe and Precast Pad |

| | | | | | |
|---|---|---|---|---|---|
| **Total Length** *(metres)*: | 30.5 | **# Spans:** | 1 | **Span Length(s)** *(metres)*: | 30.5 |
| **UTM Zone:** | 10 | **UTM Easting:** | 499685 | **UTM Northing:** | 6019379 |
| **Inspector Name:** | Joe Vanderzwan | **Year Superstructure Installed:** | 2007 | | |
| **Access:** | | | | | |

## ABUTMENTS

| | | |
|---|---|---|
| **Bearings** | Good | |
| **Bracing** | Good | |
| **Ballast Wall** | Good | |
| **Corrosion Protection** | Fair | |
| **Caps or Sills** | Unrated | N/A |
| **Fill** | Good | |
| **Hardware** | Not Applicable | |
| **Piles or Posts** | Good | |
| **Riprap** | Good | |
| **Wing Wall** | Not Applicable | |

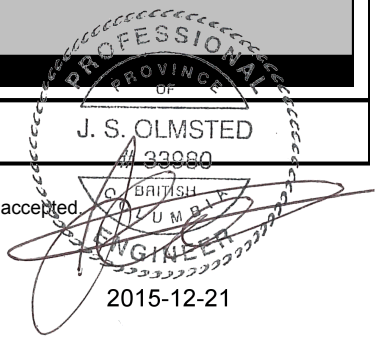
## APPROACHES

| | | |
|---|---|---|
| **Alignment** | Good | |
| **Bridge Ahead Signs Missing** | 1 | |
| **Brushing Required** | No | |
| **Delineator Missing Left** (*approaching structure*) | 0 | |
| **Delineator Missing Right** (*approaching structure*) | 0 | |
| **Fender Condition** | Good | |
| **Posted Load Rating** | L100 | |
| **Road Surface** | Fair | |

## DECK

**Span 1**

**Corporate Bridge Register (CBR)**




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

| | | |
|---|---|---|
| **Concrete Deck** | Good | |
| **Curb Rail/Blocks/Posts** | Good | |
| **Deck Joints** | Fair | |
| **Grout Pockets** | Good | |
| **Hardware** | Not Applicable | |
| **Hand Rails/Walkouts** | Not Applicable | |
| **Overall Deck Condition** | Good | |
| **Running Surface** | Good | |

## SUPERSTRUCTURE

### Span 1

| | | |
|---|---|---|
| **Bracing** | Good | |
| **Diaphrams** | Good | |
| **Girders** | Good | |
| **Hardware** | Good | |
| **Under Trussing** | Not Applicable | |

## CHANNEL

| | | | |
|---|---|---|---|
| **Estimated Present Water Level Depth:** | 1.0 | **Estimated Present Water Level Width:** | 10.0 |
| **Estimated High Water Level Clearance:** | 2.2 | | |

## HAZARDS

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

**Comment:**

## REPAIRS

| # | Status | Priority | Estimate | Description |
|---|---|---|---|---|
| 1 | Required | Low | $0.00 | Replace missing bridge ahead sign |

## MONITORS

| # | Description |
|---|---|
| | |

## GENERAL

**Inspector's Comment:**

**Corporate Bridge Register (CBR)**

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

**GENERAL**

| PEng's Comment: | |
|---|---|

**GENERAL**

| Replacement Date for full log haul traffic *(year)*: | 2054 | 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 12/17/2015 11:54:12AM |

**Corporate Bridge Register (CBR)**

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