



# BC Ministry of Forests and Range

## Permanent Bridge Inspection Report

Page 1 of 3  
Date Printed: 2015/12/17  
User Id: IDIRJOLMSTED  
Database: PROD  
Report Id: CBR001A  
File:

|                        |                    |              |        |                                                 |                                         |                       |            |
|------------------------|--------------------|--------------|--------|-------------------------------------------------|-----------------------------------------|-----------------------|------------|
| Structure #:           | G1-633             | Site #:      | G1-633 | Road Name:                                      | SALMON FSR                              | Inspection Date:      | 2015/09/09 |
| KM:                    | 37.40              | User km:     | 37.40  | 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):<br>(looking downstream) | Steel Pipe and Precast Pad              |                       |            |
| Total Length (metres): | 12.0               | # Spans:     | 1      | Span Length(s) (metres):                        | 12                                      |                       |            |
| UTM Zone:              | 10                 | UTM Easting: | 500045 | UTM Northing:                                   | 6020349                                 |                       |            |
| Inspector Name:        | Joe Vanderzwan     |              |        | Year Superstructure Installed:                  | 2007                                    |                       |            |
| Access:                |                    |              |        |                                                 |                                         |                       |            |

### ABUTMENTS

|                      |                |                                              |
|----------------------|----------------|----------------------------------------------|
| Bearings             | Fair           | Left abutment bearing pads starting to split |
| Bracing              | Good           |                                              |
| Ballast Wall         | Good           |                                              |
| Corrosion Protection | Fair           |                                              |
| Caps or Sills        | Unrated        | Na                                           |
| Fill                 | Good           |                                              |
| Hardware             | Good           |                                              |
| Piles or Posts       | Good           |                                              |
| Riprap               | Good           |                                              |
| Wing Wall            | Not Applicable |                                              |

### APPROACHES

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

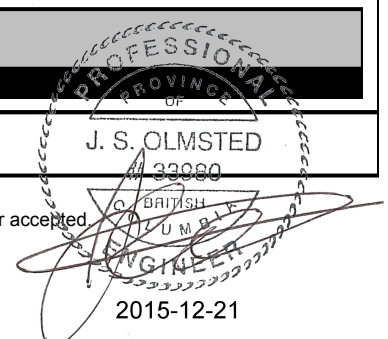
### DECK

#### Span 1

#### Corporate Bridge Register (CBR)

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|------------------------|---------------------------------------|---------------------------------------------------|----------|------------|--------------------------------------|------------------|------------|----|--------------|----|
| Structure #:           | G1-633                                | Site #:                                           | G1-633   | Road Name: | SALMON FSR                           | Inspection Date: | 2015/09/09 |    |              |    |
| Concrete Deck          | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Curb Rail/Blocks/Posts | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Deck Joints            | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Grout Pockets          | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Hardware               | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Hand Rails/Walkouts    | Not Applicable                        |                                                   |          |            |                                      |                  |            |    |              |    |
| Overall Deck Condition | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Running Surface        | Unrated                               | NA                                                |          |            |                                      |                  |            |    |              |    |
| SUPERSTRUCTURE         |                                       |                                                   |          |            |                                      |                  |            |    |              |    |
| Span 1                 |                                       |                                                   |          |            |                                      |                  |            |    |              |    |
| Bracing                | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Diaphragms             | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Girders                | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Hardware               | Good                                  |                                                   |          |            |                                      |                  |            |    |              |    |
| Under Trussing         | Not Applicable                        |                                                   |          |            |                                      |                  |            |    |              |    |
| CHANNEL                | Estimated Present Water Level Depth:  |                                                   | 0.1      |            | Estimated Present Water Level Width: |                  | 1.0        |    |              |    |
|                        | Estimated High Water Level Clearance: |                                                   | 1.5      |            |                                      |                  |            |    |              |    |
|                        |                                       |                                                   |          |            |                                      |                  |            |    |              |    |
| HAZARDS                | High Water:                           | No                                                | Scour:   | No         | Ice:                                 | No               | Debris:    | No | Aggradation: | No |
|                        | Comment:                              |                                                   |          |            |                                      |                  |            |    |              |    |
| REPAIRS                | #                                     | Status                                            | Priority | Estimate   | Description                          |                  |            |    |              |    |
|                        |                                       |                                                   |          |            |                                      |                  |            |    |              |    |
| MONITORS               | #                                     | Description                                       |          |            |                                      |                  |            |    |              |    |
|                        | 1                                     | Left abutment bearing pads starting to delaminate |          |            |                                      |                  |            |    |              |    |
| GENERAL                | Inspector's Comment:                  |                                                   |          |            |                                      |                  |            |    |              |    |
|                        |                                       |                                                   |          |            |                                      |                  |            |    |              |    |

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| Structure #: | G1-633                                             | Site #: | G1-633 | Road Name:                | SALMON FSR                                         | Inspection Date:                                   | 2015/09/09                   |
| GENERAL      | PEng's Comment:                                    |         |        |                           |                                                    |                                                    |                              |
|              |                                                    |         |        |                           |                                                    |                                                    |                              |
| GENERAL      | Replacement Date for full log haul traffic (year): |         |        | 2057                      | Replacement Date for light vehicle traffic (year): |                                                    | 2057                         |
|              | 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 11:44:22AM |                              |

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