



# BC Ministry of Forests and Range

## Permanent Bridge Inspection Report

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Date Printed: 2016/01/27  
User Id: IDIRJOLMSTED  
Database: PROD  
Report Id: CBR001A  
File:

|                        |                       |              |        |                                                 |                                            |                       |            |
|------------------------|-----------------------|--------------|--------|-------------------------------------------------|--------------------------------------------|-----------------------|------------|
| Structure #:           | G6-356                | Site #:      | G6-356 | Road Name:                                      |                                            | Inspection Date:      | 2015/09/23 |
| KM:                    | 6.60                  | User km:     | 23.00  | Crossing Name:                                  | Unnamed                                    | Next Inspection Date: | 2018/09/23 |
| Project File ID #:     | 10679                 | Br.          | 02     | Forest District:                                | Mackenzie Natural Resource District        |                       |            |
| Deck Type:             | Concrete              |              |        | Running Surface:                                | Concrete                                   |                       |            |
| Superstructure         | Concrete Slab Girders |              |        | Abutments (Left/Right):<br>(looking downstream) | Steel Pipe and Precast Pad/Pile -Permanent |                       |            |
| Total Length (metres): | 14.0                  | # Spans:     | 1      | Span Length(s) (metres):                        | 14                                         |                       |            |
| UTM Zone:              | 10                    | UTM Easting: | 436327 | UTM Northing:                                   | 6104083                                    |                       |            |
| Inspector Name:        | Edward Folk, P.Eng.   |              |        | Year Superstructure Installed:                  | 2010                                       |                       |            |
| Access:                |                       |              |        |                                                 |                                            |                       |            |

### ABUTMENTS

|                      |                |                                                    |
|----------------------|----------------|----------------------------------------------------|
| Bearings             | Fair           |                                                    |
| Bracing              | Unrated        | buried                                             |
| Ballast Wall         | Good           |                                                    |
| Corrosion Protection | Not Applicable |                                                    |
| Caps or Sills        | Good           |                                                    |
| Fill                 | Good           |                                                    |
| Hardware             | Not Applicable |                                                    |
| Piles or Posts       | Good           |                                                    |
| Riprap               | Poor           | scoured towards left abutment-no armouring present |
| 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                                    | Good |  |
| Road Surface                                        | Good |  |

### DECK

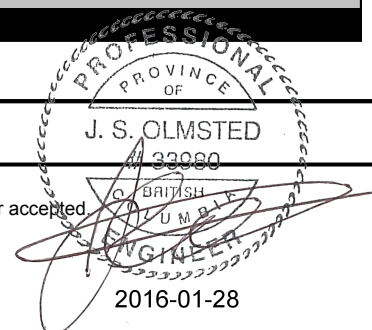
#### Span 1

|               |      |  |
|---------------|------|--|
| Concrete Deck | Good |  |
|---------------|------|--|

### Corporate Bridge Register (CBR)

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|------------------------------|---------------------------------------|------------------------------------------------------|----------|------------|--------------------------------------|------------------|------------|----|--------------|----|
| Structure #:                 | G6-356                                | Site #:                                              | G6-356   | Road Name: |                                      | Inspection Date: | 2015/09/23 |    |              |    |
| Curb Rail/Blocks/Posts       | Good                                  |                                                      |          |            |                                      |                  |            |    |              |    |
| Deck Joints                  | Good                                  |                                                      |          |            |                                      |                  |            |    |              |    |
| Grout Pockets                | Good                                  |                                                      |          |            |                                      |                  |            |    |              |    |
| Grout Pockets                | Good                                  |                                                      |          |            |                                      |                  |            |    |              |    |
| Hardware                     | Good                                  |                                                      |          |            |                                      |                  |            |    |              |    |
| Hand Rails/Walkouts          | Not Applicable                        |                                                      |          |            |                                      |                  |            |    |              |    |
| Overall Deck Condition       | Good                                  |                                                      |          |            |                                      |                  |            |    |              |    |
| Running Surface              | Good                                  |                                                      |          |            |                                      |                  |            |    |              |    |
| SUPERSTRUCTURE               |                                       |                                                      |          |            |                                      |                  |            |    |              |    |
| Span 1                       |                                       |                                                      |          |            |                                      |                  |            |    |              |    |
| Bracing                      | Not Applicable                        |                                                      |          |            |                                      |                  |            |    |              |    |
| Hardware                     | Not Applicable                        |                                                      |          |            |                                      |                  |            |    |              |    |
| Welded/grouted shear connect | Good                                  |                                                      |          |            |                                      |                  |            |    |              |    |
| CHANNEL                      | Estimated Present Water Level Depth:  |                                                      | 0.1      |            | Estimated Present Water Level Width: |                  | 1.8        |    |              |    |
|                              | Estimated High Water Level Clearance: |                                                      | 1.2      |            |                                      |                  |            |    |              |    |
| HAZARDS                      | High Water:                           | No                                                   | Scour:   | Yes        | Ice:                                 | No               | Debris:    | No | Aggradation: | No |
|                              | Comment:                              | scouring likely during spring freshet and stormflows |          |            |                                      |                  |            |    |              |    |
| REPAIRS                      | #                                     | Status                                               | Priority | Estimate   | Description                          |                  |            |    |              |    |
|                              |                                       |                                                      |          |            |                                      |                  |            |    |              |    |
| MONITORS                     | #                                     | Description                                          |          |            |                                      |                  |            |    |              |    |
|                              | 1                                     | monitor scour of left abutment                       |          |            |                                      |                  |            |    |              |    |
| GENERAL                      | Inspector's Comment:                  |                                                      |          |            |                                      |                  |            |    |              |    |
|                              |                                       |                                                      |          |            |                                      |                  |            |    |              |    |

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| Structure #: | G6-356                                             | Site #: | G6-356 | Road Name:                                                      |                                                    | Inspection Date: | 2015/09/23                   |
| GENERAL      | PEng's Comment:                                    |         |        |                                                                 |                                                    |                  |                              |
|              |                                                    |         |        |                                                                 |                                                    |                  |                              |
| GENERAL      | Replacement Date for full log haul traffic (year): |         |        | 2055                                                            | 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 3:04:10PM |                                                    |                  |                              |

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