



# BC Ministry of Forests and Range

## Permanent Bridge Inspection Report

Page 1 of 3  
Date Printed: 2015/12/14  
User Id: IDIR\SMROOKE  
Database: PROD  
Report Id: CBR001A  
File:

|                        |              |              |        |                                                 |                                     |                       |            |
|------------------------|--------------|--------------|--------|-------------------------------------------------|-------------------------------------|-----------------------|------------|
| Structure #:           | G6-022       | Site #:      | G6-022 | Road Name:                                      | FINLAY FSR                          | Inspection Date:      | 2013/07/09 |
| KM:                    | 148.70       | User km:     | 149.60 | Crossing Name:                                  | Centennial Creek                    | Next Inspection Date: | 2016/07/09 |
| Project File ID #:     | 7829         | Br.          | 01     | Forest District:                                | Mackenzie Natural Resource District |                       |            |
| Deck Type:             | Concrete     |              |        | Running Surface:                                | Not Available                       |                       |            |
| Superstructure         | Steel I-beam |              |        | Abutments (Left/Right):<br>(looking downstream) | Binwall                             |                       |            |
| Total Length (metres): | 10.0         | # Spans:     | 1      | Span Length(s) (metres):                        | 10                                  |                       |            |
| UTM Zone:              | 10           | UTM Easting: | 422424 | UTM Northing:                                   | 6205665                             |                       |            |
| Inspector Name:        | Knut Herzog  |              |        | Year Superstructure Installed:                  | 1989                                |                       |            |
| Access:                |              |              |        |                                                 |                                     |                       |            |

### ABUTMENTS

|                      |                |  |
|----------------------|----------------|--|
| Bearings             | Good           |  |
| Binwall              | Good           |  |
| Bracing              | Not Applicable |  |
| Ballast Wall         | Good           |  |
| Corrosion Protection | Not Applicable |  |
| Caps or Sills        | Good           |  |
| Fill                 | Good           |  |
| Hardware             | Not Applicable |  |
| Piles or Posts       | Not Applicable |  |
| Riprap               | Good           |  |
| Wing Wall            | Not Applicable |  |

### APPROACHES

|                                                     |      |                        |
|-----------------------------------------------------|------|------------------------|
| Alignment                                           | Good |                        |
| Bridge Ahead Signs Missing                          | 0    |                        |
| Brushing Required                                   | Yes  |                        |
| Delineator Missing Left<br>(approaching structure)  | 2    |                        |
| Delineator Missing Right<br>(approaching structure) | 2    |                        |
| Fender Condition                                    | None | suggest installing one |
| Road Surface                                        | Good |                        |

### DECK

#### Span 1

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

|                        |                |                                            |
|------------------------|----------------|--------------------------------------------|
| Concrete Deck          | Good           |                                            |
| Curb Rail/Blocks/Posts | Fair           | bull rail split at riser maybe 1 year left |
| Deck Joints            | Good           |                                            |
| Grout Pockets          | Good           |                                            |
| Hardware               | Not Applicable |                                            |
| Hand Rails/Walkouts    | Not Applicable |                                            |
| Overall Deck Condition | Good           |                                            |

### SUPERSTRUCTURE

#### Span 1

|                |                |  |
|----------------|----------------|--|
| Bracing        | Good           |  |
| Diaphragms     | Good           |  |
| Girders        | Good           |  |
| Hardware       | Not Applicable |  |
| Under Trussing | Not Applicable |  |

|         |                                       |     |                                      |     |
|---------|---------------------------------------|-----|--------------------------------------|-----|
| CHANNEL | Estimated Present Water Level Depth:  | 0.4 | Estimated Present Water Level Width: | 3.0 |
|         | Estimated High Water Level Clearance: | 2.0 |                                      |     |

|         |             |    |        |    |      |    |         |    |              |    |
|---------|-------------|----|--------|----|------|----|---------|----|--------------|----|
| HAZARDS | High Water: | No | Scour: | No | Ice: | No | Debris: | No | Aggradation: | No |
|         | Comment:    |    |        |    |      |    |         |    |              |    |

|         |   |           |          |            |                   |
|---------|---|-----------|----------|------------|-------------------|
| REPAIRS | # | Status    | Priority | Estimate   | Description       |
|         | 1 | Suggested | Medium   | \$8,000.00 | Repair bull rails |

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

|         |                      |                                                                                                                                         |
|---------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| GENERAL | Inspector's Comment: | There is no date or design on file for when this bridge was switched to concrete deck. Everything appears good and the bridge is short. |
|         |                      |                                                                                                                                         |

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|--------------|----------------------------------------------------|-----------------------------------------------------------|--------|---------------------------|----------------------------------------------------|------------------|-------------------------|
| Structure #: | G6-022                                             | Site #:                                                   | G6-022 | Road Name:                | FINLAY FSR                                         | Inspection Date: | 2013/07/09              |
| GENERAL      | PEng's Comment:                                    | Refer to Inspection Comments for historical PEng Comments |        |                           |                                                    |                  |                         |
|              |                                                    |                                                           |        |                           |                                                    |                  |                         |
| GENERAL      | Replacement Date for full log haul traffic (year): |                                                           |        | 2029                      | 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:            | Accepted By Jason Olmsted on 12/12/2013 12:00:00AM |                  |                         |

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