



# BC Ministry of Forests and Range

## Log Stringer Bridge Inspection Report

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Date Printed: 2015/11/30  
User Id: IDIRJOLMSTED  
Database: PROD  
Report Id: CBR001B  
File:

|                        |                                                                                                                                        |              |        |                                                 |                                         |                       |            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-------------------------------------------------|-----------------------------------------|-----------------------|------------|
| Structure #:           | G1-161                                                                                                                                 | Site #:      | G1-161 | Road Name:                                      | CHUCHINKA-COLBOURNE                     | Inspection Date:      | 2015/09/09 |
| KM:                    | 92.10                                                                                                                                  | User km:     | 892.10 | Crossing Name:                                  | Unnamed creek                           | Next Inspection Date: | 2017/09/09 |
| Project File ID #:     | 5506                                                                                                                                   | Br.          | 04     | Forest District:                                | Prince George Natural Resource District |                       |            |
| Deck Type:             | Timber - Untreated - Panels                                                                                                            |              |        | Running Surface:                                | Not Available                           |                       |            |
| Superstructure         | Steel I-beam                                                                                                                           |              |        | Abutments (Left/Right):<br>(looking downstream) | Crib, Log or Untreated Timber           |                       |            |
| Total Length (metres): | 10.0                                                                                                                                   | # Spans:     | 1      | Span Length(s) (metres):                        | 0                                       |                       |            |
| UTM Zone:              | 10                                                                                                                                     | UTM Easting: | 520014 | UTM Northing:                                   | 6097402                                 |                       |            |
| Inspector Name:        | Sean Hawryluk                                                                                                                          |              |        | Year Superstructure Installed:                  | 1998                                    |                       |            |
| Access:                | Onto Kendey rd. Turn Left onto CHCO 1100 at 5km. Turn left onto the 800 at 11019. Head up the 800 approx 5.5 km last 200m on foot/quad |              |        |                                                 |                                         |                       |            |

### ABUTMENTS

|                      |                |                                                                           |
|----------------------|----------------|---------------------------------------------------------------------------|
| Bearings             | Not Applicable | Steel girder on top element of cribbing, bolted on both sides             |
| Bracing              | Not Applicable |                                                                           |
| Ballast Wall         | Poor           | Rotten                                                                    |
| Corrosion Protection | Not Applicable |                                                                           |
| Caps or Sills        | Poor           | Rotten. Easily punctured/ hollow when tapped everywhere. Not crushing yet |
| Fill                 | Good           |                                                                           |
| Hardware             | Not Applicable |                                                                           |
| Log/Timber Crib      | Poor           | Very Rotten. Easily Punctured / hollow sounds. Breaking apart             |
| Piles or Posts       | Not Applicable |                                                                           |
| Riprap               | Fair           | Additional riprap required                                                |
| Tie-backs            | Poor           | Rotten                                                                    |
| Wing Wall            | Not Applicable |                                                                           |

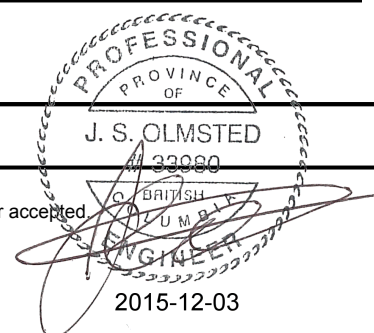
### APPROACHES

|                                                     |      |                                          |
|-----------------------------------------------------|------|------------------------------------------|
| Alignment                                           | Fair |                                          |
| Bridge Ahead Signs Missing                          | 2    |                                          |
| Brushing Required                                   | Yes  |                                          |
| Delineator Missing Left<br>(approaching structure)  | 0    |                                          |
| Delineator Missing Right<br>(approaching structure) | 1    |                                          |
| Fender Condition                                    | None | Add fenders prior to use                 |
| Road Surface                                        | Poor | ruts, Pot holes, Vegetation. Deactivated |

Corporate Bridge Register (CBR)

#### Disclaimer:

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

### DECK

#### Span 1

|                        |                |                                       |
|------------------------|----------------|---------------------------------------|
| Curb Rail/Blocks/Posts | Fair           | Rot/insect activity, still firm       |
| Deck to Girder Bolts   | Fair           |                                       |
| Hardware               | Fair           |                                       |
| Hand Rails/Walkouts    | Not Applicable |                                       |
| Nails                  | Fair           |                                       |
| Overall Deck Condition | Fair           | Some starting to protrude through rot |
| Running Planks         | Not Applicable |                                       |
| Sub Deck               | Fair           | still solid, wear/rot                 |
| Ties                   | Fair           | Starting to rot. Still solid          |

### SUPERSTRUCTURE

#### Span 1

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

#### CHANNEL

|                                       |     |                                      |     |
|---------------------------------------|-----|--------------------------------------|-----|
| Estimated Present Water Level Depth:  | 0.5 | Estimated Present Water Level Width: | 4.5 |
| Estimated High Water Level Clearance: | 1.9 |                                      |     |

#### HAZARDS

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

#### REPAIRS

| # | Status   | Priority | Estimate | Description                                               |
|---|----------|----------|----------|-----------------------------------------------------------|
| 1 | Required | High     | \$100.00 | Replace Cribbing and Ballast wall prior to industrial use |
| 2 | Required | High     | \$100.00 | Check and consider replacement of ties, blocks, and rails |
| 3 | Required | High     | \$100.00 | Add riprap                                                |
| 4 | Required | Medium   | \$100.00 | Fix road                                                  |
| 5 | Required | Low      | \$100.00 | Add missing bridge ahead signs and brushing               |

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| Structure #: | G1-161                                             | Site #:                                                                  | G1-161 | Road Name:                | CHUCHINKA-COLBOURNE                                | Inspection Date:                                   | 2015/09/09              |
| MONITORS     | #                                                  | Description                                                              |        |                           |                                                    |                                                    |                         |
|              |                                                    |                                                                          |        |                           |                                                    |                                                    |                         |
| GENERAL      | Inspector's Comment:                               | Road appears to be deactivated. Deactivation of bridge recommended. M.D. |        |                           |                                                    |                                                    |                         |
|              | Replacement Date for full log haul traffic (year): |                                                                          |        | 2013                      | Replacement Date for light vehicle traffic (year): |                                                    | 2013                    |
|              | Current Inspection Load Rating:                    |                                                                          | 5.00   | Design Load GVW (tonnes): |                                                    | 91                                                 | Design Vehicle Config.: |
|              | Professional Inspection Required?                  |                                                                          | No     | Report Status:            |                                                    | Accepted By Jason Olmsted on 11/30/2015 11:40:52AM |                         |

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