



# BC Ministry of Forests and Range

## Permanent Bridge Inspection Report

Page 1 of 3  
Date Printed: 2013/10/28  
User Id: IDIR\TYSMILLE  
Database: PROD  
Report Id: CBR001A

|                        |                                                     |              |             |                          |                            |                       |            |
|------------------------|-----------------------------------------------------|--------------|-------------|--------------------------|----------------------------|-----------------------|------------|
| Structure #:           | CK-2294                                             | Site #:      | CK-2294     | Road Name:               | UZTLIUS CREEK              | Inspection Date:      | 2013/10/11 |
| KM:                    | 20.50                                               | User km:     | 20.50       | Crossing Name:           | Uztlius Creek              | Next Inspection Date: | 2016/10/11 |
| Project File ID #:     | 7972                                                | Br.          | 01          | Forest District:         | Chilliwack Forest District |                       |            |
| Deck Type:             | Timber - Untreated - Panels                         |              |             | Running Surface:         | Timber Planks              |                       |            |
| Superstructure         | Steel I-beam                                        |              |             | Abutments (Left/Right):  | Steel Pipe and Precast Pad |                       |            |
| Total Length (metres): | 24.1                                                | # Spans:     | 1           | Span Length(s) (metres): | 0                          |                       |            |
| UTM Zone:              | 10                                                  | UTM Easting: | 620145      | UTM Northing:            | 5519347                    |                       |            |
| Inspector Name:        | T. Miller                                           |              | Year Built: | 1991                     |                            |                       |            |
| Access:                | Updated by M.Kirk, Onsite Engineering Ltd, Feb 2011 |              |             |                          |                            |                       |            |

### ABUTMENTS

|                      |                |                              |
|----------------------|----------------|------------------------------|
| Bearings             | Fair           |                              |
| Bracing              | Fair           |                              |
| Ballast Wall         | Good           | concrete                     |
| Corrosion Protection | Fair           |                              |
| Caps or Sills        | Fair           | steel plates and rubber pads |
| Fill                 | Good           |                              |
| Hardware             | Not Applicable |                              |
| Piles or Posts       | Fair           |                              |
| Riprap               | Good           |                              |
| Wing Wall            | Not Applicable |                              |

### APPROACHES

|                            |      |            |
|----------------------------|------|------------|
| Alignment                  | Fair | S turn     |
| Bridge Ahead Signs Missing | 2    |            |
| Brushing Required          | No   |            |
| Delineator Missing Left    | 1    |            |
| Delineator Missing Right   | 1    |            |
| Fender Condition           | None |            |
| Posted Load Rating         | not  | not posted |
| Road Surface               | Fair |            |

### DECK

#### Span 1

|                        |      |                    |
|------------------------|------|--------------------|
| Curb Rail/Blocks/Posts | Poor | rotten and damaged |
| Deck to Girder Bolts   | Good |                    |
| Hardware               | Fair |                    |



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

|                        |                |                                                 |
|------------------------|----------------|-------------------------------------------------|
| Hand Rails/Walkouts    | Not Applicable |                                                 |
| Nails                  | Fair           |                                                 |
| Overall Deck Condition | Poor           | due to rail                                     |
| Running Planks         | Fair           | fair to poor - wheel path planks wearing faster |
| Sub Deck               | Fair           | creosoted                                       |
| Ties                   | Fair           | creosoted                                       |

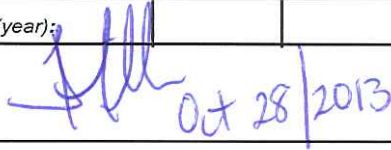
| SUPERSTRUCTURE |                |                 |
|----------------|----------------|-----------------|
| Span 1         |                |                 |
| Bracing        | Good           | bolted          |
| Diaphragms     | Good           | 5 bays - bolted |
| Girders        | Good           | 2 steel I beams |
| Hardware       | Good           |                 |
| Under Trussing | Not Applicable |                 |

|         |                                       |     |                                      |      |
|---------|---------------------------------------|-----|--------------------------------------|------|
| CHANNEL | Estimated Present Water Level Depth:  | 0.8 | Estimated Present Water Level Width: | 10.0 |
|         | Estimated High Water Level Clearance: | 3.0 |                                      |      |

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

| REPAIRS | # | Status      | Priority | Estimate | Description                            |
|---------|---|-------------|----------|----------|----------------------------------------|
|         | 1 | Recommended | High     | \$1.00   | replace guardrail and risers           |
|         | 2 | Recommended | High     | \$1.00   | replace worn wear planks               |
|         | 3 | Recommended | Medium   | \$1.00   | place log fenders or concrete no posts |

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

|         |                                                         |                                                                                                                                                                                                                                                 |                           |                                                    |                         |              |
|---------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------|-------------------------|--------------|
| GENERAL | Professional Inspection Required?                       | No                                                                                                                                                                                                                                              | Regional Review Date:     | 2013/10/28                                         | P. Eng Reviewer Name:   | Tyson Miller |
|         | Replacement Date for full log haul traffic (year):      |                                                                                                                                                                                                                                                 | 2041                      | Replacement Date for light vehicle traffic (year): |                         |              |
|         | Current Load Rating GWV (tonnes):                       | 68                                                                                                                                                                                                                                              | Design Load GWV (tonnes): | 68                                                 | Design Vehicle Config.: | L75          |
|         | Inspector's Estimated Full Log Haul Replacement (year): |                                                                                                                                                                                                                                                 |                           |                                                    |                         |              |
|         | Inspector's Comment:                                    |                                                                                                                                                             |                           |                                                    |                         |              |
|         | P.Eng Reviewer's Comment:                               | Replace gaurdrail and risers. Replace worn wear planks, consider replacing entire wear deck. Place log fenders or concrete no post barriers at bridge approaches. Post bridge ahead signs. Present load rating of L75 or 68 tonnes to continue. |                           |                                                    |                         |              |



Corporate Bridge Register (CBR)





