BC Ministry of Forests and Range

# *Routine Condition Bridge Inspection Form*
## *(except for log stringer or timber stringer bridges)*

## GENERAL INFORMATION

(enter either long/lat or UTM below – not both)

| | | | |
|---|---|---|---|
| *Site #: CL 2445<br>*Structure #: CL2445 | *Crossing Name: East Fork | *Type/Class: ☐ Temporary bridge ☑ Permanent bridge | *Project File ID# 10320<br>*Br. 01 |
| *FSR Name: Nemah | *Forest District: Chilliwack | *Kilometres: 16.1 | User km: |

| | | | |
|---|---|---|---|
| Longitude: (ddd / mm / ss.s) 121 05 21 | OR | UTM Zone | UTM Easting |
| Latitude: (ddd / mm / ss.s) 49 17 38.2 | | | UTM Northing |

## LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unrated

| Item | Present Condition (circle or fill-in) | Comments (a comment is mandatory if condition 'Poor' is selected) |
|---|---|---|
| Alignment | E G (F) P UR | On a curve |
| Bridge Ahead Signs Missing | (0) 1 2 | |
| Brushing Required | Yes (No) | |
| Delineator Missing Left | (0) 1 2 | |
| Delineator Missing Right | (0) 1 2 | |
| Fender Condition | E (G) F P None UR | |
| Posted Load Rating | 90000 kg (tonnes) or None | |
| Road Surface | E (G) F P UR | |

30m
29 Span
Steel Pile
Steel Risers
Concrete
comp
4.9 Width

## LEFT/RIGHT ABUTMENTS (as seen facing downstream)

| Item | Present Condition (circle) | Comments (a comment is mandatory if condition 'Poor' is selected) |
|---|---|---|
| Log/Timber Cribs | E G F P (N/A) UR | |
| Tie-backs | E G F P (N/A) UR | |
| Bin Wall | E G F P (N/A) UR | |
| Concrete (cast in place; lock blocks, precast) | E G F P (N/A) UR | |
| Caps or Sills | E (G) F P N/A UR | |
| Piles or Posts | E (G) F P N/A UR | |
| Ballast Wall | E (G) F P N/A UR | |
| Wing Wall | E (G) F P N/A UR | |
| Bracing | E (G) F P N/A UR | |
| Hardware | E (G) F P N/A UR | |
| Fill | E (G) F P N/A UR | |
| Riprap | E (G) F P N/A UR | |
| Bearings | E (G) F P N/A UR | |
| Corrosion Protection | E (G) F P N/A UR | |

## Span 1 of ___ (spans are numbered consecutively starting from the left abutment)

Use "Additional Spans" Sheet for Multiple Spans

## DECK

| Item | Present Condition (circle) | Comments (a comment is mandatory if condition 'Poor' is selected) |
|---|---|---|
| Running Surface (N/A if running surface is gravel or timber planks) | E G F P N/A (UR) | Too much snow. should be good |
| Running Planks | E G F P (N/A) UR | |
| Sub-deck | E G F P (N/A) UR | |
| Ties | E G F P (N/A) UR | |
| Nails | E G F P (N/A) UR | |
| Deck to Girder Bolts | E G F P (N/A) UR | |
| Concrete Deck | E (G) F P N/A UR | |
| Grout Pockets | E G F P N/A (UR) | " " |
| Deck Joints | E G F P N/A (UR) | " " |
| Steel Deck Plate | E G F P (N/A) UR | |
| Gravel Surface | E G F P (N/A) UR | |
| Gravel Deck Depth | ____ metres (or N/A) | |
| Curb Rail/Blocks/Posts | E (G) F P UR | |
| Handrails/ Walkouts | E G F P (N/A) UR | |
| Hardware | E G F P (N/A) UR | |
| Overall Deck Condition | E (G) F P UR | |

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## GENERAL INFORMATION

| *Site #: | *Structure #: |
|---|---|
| CL 2445 | CL 2445 |

## SUPERSTRUCTURE

| Item | Present Condition (circle) | Comments (a comment is mandatory if condition "Poor" is selected) |
|---|---|---|
| Girders | E (G) F P UR | |
| Diaphragms | E (G) F P N/A UR | |
| Bracing | E (G) F P N/A UR | |
| Under-trussing | E G F P (N/A) UR | |
| Hardware | E G F P (N/A) UR | |
| Welded / Grouted Shear Connectors | E G F P (N/A) UR | |

**Stream CHANNEL** Width Hd Clearance 2.5m.

| *Est. Present Water Level Depth | *Est. Present Water Level Depth | *Est. Present Water Level Depth |
|---|---|---|
| 0.2 (m) | 0 (m) | ____ (m) |

**HAZARDS** (circle yes or no for each item))

| High Water? | Scour? | Ice? | Debris? | Aggradation? |
|---|---|---|---|---|
| Yes (No) | Yes (No) | Yes (No) | Yes (No) | Yes (No) |

Comments

**REPAIRS:** ☐ Recommended ☑ Not required (H = High, M= Medium, L = Low)

| Repair Item # | *Priority (circle) | *Estimate ($) | *Repair Description |
|---|---|---|---|
| 1 | H M L | | |
| 2 | H M L | | |
| 3 | H M L | | |

***Monitoring Status:** ☐ Recommended ☑ Not required

| Monitor Item # | *Monitor Description |
|---|---|
| 1 | |
| 2 | |

## PHOTO LOG

| Photo # | Description | Photo # | Description |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

## INSPECTOR TO COMPLETE THIS SECTION

| As-built Drawings Checked? Yes No | P Eng Inspection Required? Yes No | Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): (PEng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR) [redacted] 2048 |
|---|---|---|

| *Date of Inspection (yyyy/mm/dd) | *Inspection Company Name | *Inspector's Name (print) | Inspector's Signature |
|---|---|---|---|
| 2011/11/18 | Onside Eng | Greg Honeyball | Greg Honeyball |

Inspector's Comments: Hd

## PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

| Current Load Rating GVW (tonnes): (PEng to update structure details screen in CBR as necessary) | Date of Next Planned Inspection (yyyy/mm/dd) |
|---|---|
| 91 tonnes | 2012/09/30 |

| Reviewer Company Name | Reviewed by - PEng's Name (print) | Reviewed by - PEng's Signature | Date Reviewed (yyyy/mm/dd) |
|---|---|---|---|
| MoF | T. Miller | | 2012/02/14 |

PEng Reviewer's Comments: Present load rating of L100 or 91 tonnes to continue.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — T. W. MILLER # 35995

* Denotes Mandatory Information for Corporate Bridge Register

CK2445 Approach Right Bank

CK2445 Abutment Left Bank

CK2445 Abutment Rigth Bank

CK2445 Crossing Upstream

CK2445 Approach Left Bank