Sep 3

INACTIVE BARRICATED - DUE TO ROCK SLIDE - BIKE ACCESS ONLY.

BC Ministry of Forests and Range



*Corporate Bridge Register (CBR)*

# Structure Inventory Data Form "BRIDGES"

| GENERAL | |
|---|---|
| *Structure # | *Site #: CK-2286 |
| *Type/Class: ☑ Permanent Bridge ☐ Temporary Bridge | Crossing Name: |
| *Forest District: Chilliwack | Management Area: |
| *Forest Service Road: TSILEUH CRK | Kilometres: 17.7 |
| *Project File ID#: 7978 | *Br. 01 |
| Built For: ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder ☐ Operations Division ☐ Road Permit Holder | |
| *Source: ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☐ New Structure ☐ Replacement Structure ☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries | |
| Year Built: | Year Added to Inventory: |
| Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR) _____ | Design Load Rating GVW (tonnes): (Typically obtained from design drawings) _____ |
| Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other | |
| *Primary User Client Number: | *Client Location Code: |
| Primary User Name: | |
| As Built Information on File? ☐ Yes ☐ No | |
| Installation Cost ($): | Material Cost ($): |
| REPLACEMENT DETAILS | |
| Original Replacement (year): | Estimated Closure (year): |
| Light Vehicle Traffic Replacement (year): | *Full Log Haul Traffic Replacement (year): (PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR). |
| Estimated Replacement Cost ($): | |
| Replacement Cost Comments: | |

* Denotes Mandatory Information for Corporate Bridge Register

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# Structure Inventory Data Form "BRIDGES"

CK-2286

## STRUCTURAL DETAILS

**Number of Spans:** 1

**Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]:** 13.3

**Number of Piers:** —

**Pier Type:**
- ☐ Concrete
- ☐ Crib - Timber
- ☐ Piles - Concrete
- ☐ Piles - Steel
- ☐ Piles – Timber Treated
- ☐ Piles – Timber Untreated
- ☐ Steel Column on Concrete Pad

**Needle Beams?** ☐ Yes ☑ No

**Portable Structure?** ☐ Yes ☑ No

**Portable Superstructure Status:** ☐ Installed ☐ Storage

**Portable Superstructure Storage Location:**

***Bridge Length (metres):** 14.0

***Superstructure:**
- ☐ Compo Girders
- ☐ Concrete Box Beam
- ☐ Rail Car
- ☐ Concrete Cast in Place
- ☐ Concrete I/T Beam
- ☐ Other
- ☐ Concrete Slab Girders
- ☐ Glulam Girder
- ☐ Log Stringer
- ☐ Steel Box Beam
- ☑ Steel I-Beam
- ☐ Steel Truss/Bailey/Acrow
- ☐ Timber-Treated Stringers
- ☐ Timber-Untreated Stringers

***Deck Type:**
- ☐ Concrete
- ☐ Concrete Composite
- ☐ Gravel
- ☐ Concrete Removable
- ☐ Concrete - Steel Free
- ☐ Steel
- ☐ Timber-Treated
- ☐ Timber-Untreated
- ☐ Other
- ☑ Timber-Treated Panels
- ☐ Timber-Untreated Panels

***Deck Width (metres):** 4.0

***Running Surface:**
- ☐ Anti-Skid
- ☐ Asphalt
- ☐ Concrete
- ☐ Gravel
- ☐ Not Available
- ☑ Timber Planks

***Left Abutment:**
- ☐ Binwall
- ☐ Concrete Cast in Place
- ☐ Concrete Lock Blocks
- ☐ Concrete Precast
- ☐ Crib, Log or Untreated Timber
- ☐ Other
- ☐ Pile-Temporary Materials
- ☐ Pile-Permanent Materials
- ☐ Sill-Permanent Materials
- ☐ Sill-Temporary Materials
- ☑ Steel Pipe & Precast Pad

***Right Abutment:**
- ☐ Binwall
- ☐ Concrete Cast in Place
- ☐ Concrete Lock Blocks
- ☐ Concrete Precast
- ☐ Crib, Log or Untreated Timber
- ☐ Other
- ☐ Pile-Temporary Materials
- ☐ Pile-Permanent Materials
- ☐ Sill-Permanent Materials
- ☐ Sill-Temporary Materials
- ☑ Steel Pipe & Precast Pad

**Comments:**

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 #: CK 2286<br>*Structure #: | *Crossing Name: | *Type/Class: ☐ Temporary bridge ☐ Permanent bridge | *Project File ID# 7978<br>*Br. 01 |
| *FSR Name: TSILEUH CRK | *Forest District: Chilliwack | *Kilometres: 17.7 | User km: |

| | | | | |
|---|---|---|---|---|
| Longitude: (ddd / mm / ss.s) 49 45 08.9<br>Latitude: (ddd / mm / ss.s) 121 30 47.6 | OR | UTM Zone | UTM Easting | 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 | |
| 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 | LOG |
| Posted Load Rating | _____(tonnes) or (None) | NOT POSTED |
| Road Surface | E G (F) P UR | SMALL POTHOLES ON APPROACHES |

## 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 | TIMBER PILES |
| Ballast Wall | E G (F) P N/A UR | OLD LOGS SOME ROT. |
| 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 | WELL RIPRAPED. |
| Bearings | E (G) F P N/A UR | |
| Corrosion Protection | E G (F) P N/A UR | |

## Span 1 of 1 (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 | |
| Running Planks | E (G) F P N/A UR | TIMBER 4" x 12" |
| Sub-deck | E (G) F P N/A UR | TIMBER TREATED (4" x ?) |
| Ties | E (G) F P N/A UR | TIMBER TREATED (8" x 12" |
| 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 | FINE ✓ |
| Overall Deck Condition | E (G) F P UR | SMALL AMOUNT OF DEBRI ON RUNNING SURFACE |

BC Ministry of Forests and Range

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

## GENERAL INFORMATION

*Site #: CK - 2286 | *Structure #:

## SUPERSTRUCTURE

| Item | Present Condition (circle) | Comments (a comment is mandatory if condition "Poor" is selected) |
|---|---|---|
| Girders | E (G) F P UR | 2 x STEEL I-BEAMS - WEATH STEEL |
| 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

*Est. Present Water Level Depth 0.3 (m) | *Est. Present Water Level Depth WIDTH 3 (m) | *Est. Present Water Level Depth 3+ (m)

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

High Water? Yes (No) | Scour? Yes (No) | Ice? Yes (No) | Debris? Yes (No) | Aggradation? 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 |
|---|---|---|---|
| | RIGHT TO LEFT | | UNDERNEATH |
| | LEFT TO RIGHT | | LEFT ABUT. |
| | FROM UPSTREAM | | FROM DOWNSTREAM. |
| | RIGHT ABUT. | | |

## 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)

| *Date of Inspection (yyyy/mm/dd) | *Inspection Company Name | *Inspector's Name (print) | Inspector's Signature |
|---|---|---|---|
| 2011-09-03 | Onsite Engineering Ltd | Ali Sadeghi | |

Inspector's Comments: THIS SITE CAN NOT BE ACCESSED WITH AN ATV. ONLY VIA BIKE. DUE TO NUBER OF CUT SLOPE FAILURES WITH VERY NARROW GAPS BETWEEN BOULDERS

## 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) |
|---|---|
| 68 | 2012/09/01 |

| Reviewer Company Name | Reviewed by - PEng's Name (print) | Reviewed by - PEng's Signature | Date Reviewed (yyyy/mm/dd) |
|---|---|---|---|
| Onsite Engineering LTD MNRO | G. Dohm | | 2011/06/30 |

PEng Reviewer's Comments: Barricaded due to rock slide - not accessible except by motor bike. L75 design vehicle or 68 tonnes.

* Denotes Mandatory Information for Corporate Bridge Register

CK2286 Right to left

CK2286 Left to right

CK2286 Right abutment

CK2286 Underneath

CK2286 Left abutment

CK2286 From upstream

CK2286 From downstream