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-2490 <br> *Structure #: | *Crossing Name: | *Type/Class: ☐ Temporary bridge ☑ Permanent bridge | *Project File ID# 5127 <br> *Br. 26 |
| *FSR Name: Chuk South | *Forest District: DCK | *Kilometres: 1.4km | User km: 1.4km |

| | | | | |
|---|---|---|---|---|
| Longitude: (ddd / mm / ss.s) 121 34 07.5 <br> Latitude: (ddd / mm / ss.s) 49 05 41.6 | 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 | logs |
| Posted Load Rating | _____(tonnes) or (None) | |
| Road Surface | E G F (P) UR | potholes |

## 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 | concrete cap |
| Piles or Posts | E G F P N/A (UR) | buried |
| Ballast Wall | E (G) F P N/A UR | |
| Wing Wall | E (G) F P (N/A) UR | lock blocks u/s woods ; both sides buried |
| 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 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 | sediment on deck |
| 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 | sealant |
| 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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| *Site #: | *Structure #: |
|---|---|
| CK - 2490 | |

## SUPERSTRUCTURE

| Item | Present Condition (circle) | Comments (a comment is mandatory if condition "Poor" is selected) |
|---|---|---|
| Girders | E (G) F P UR | 3 slabs |
| 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 | welded |

## Stream CHANNEL

| *Est. Present Water Level Depth | *Est. Present Water Level Width | *Est. High Water Level Clearance |
|---|---|---|
| 0.2 (m) | 5.0 (m) | ±1.0 (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 | | grade |
| 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? | P Eng Inspection Required? | Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): |
|---|---|---|
| Yes (No) | Yes (No) | 2049 (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 |
|---|---|---|---|
| 2013/10/05 | MOF | T. Miller | |

Inspector's Comments

## 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 tonnes | 2016/09/30 |

| Reviewer Company Name | Reviewed by - PEng's Name (print) | Reviewed by - PEng's Signature | Date Reviewed (yyyy/mm/dd) |
|---|---|---|---|
| MOF | T. Miller | | 2013/07/03 |

PEng Reviewer's Comments

Grade approaches. Present loud rating of L75 or 68 tonnes to continue.

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

* Denotes Mandatory Information for Corporate Bridge Register