BC Ministry of Forests and Range

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

GENERAL INFORMATION

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

*Site #: CK2003	*Crossing Name:	*Type/Class: ☐ Major Culvert ☑ Woodbox/Log Culvert	*Project File ID#: 8173
*Structure #:			*Br. 01
*FSR Name: AMERICAN CRK	*Forest District: CK	*Kilometres:	User km: 8.4

Longitude: (ddd / mm / ss.s) 49 25 09.9	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 121 31 22.3				

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	TIGHT CORNER & DIP AFTER
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 (2 MISSING)
Posted Load Rating	5 (tonnes) or None	
Road Surface	E G F (P) UR	DEACTUATED & WASHED OUT

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	VERY SCOURED
Tie-backs	E G (F) P N/A UR	HOLDING CRIB UP
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	SOME ROT
Piles or Posts	E G F P (N/A) UR	
Ballast Wall	E G (F) P N/A UR	LOG
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	SCOURED
Riprap	E G F (P) N/A UR	SEE PICS
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	
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	0.6 metres or N/A	
Curb Rail/Blocks/Posts	E G (F) P UR	LOGS / ROTTEN
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 #: CK 2003 | *Structure #:

SUPERSTRUCTURE (stringers numbered from upstream side of bridge)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log Curbs	E G (F) P UR	
Needle Beams and Shims	E G F P (N/A) UR	

Stringer #	Wood Species	Peeled? (circle)	Diameter (mm) or Width x Depth (mm x mm)	Rot Depth Bottom (mm)	Rot Depth Side (mm)	Rot Depth Top (mm)	Comments
1		Y N					
2		Y N					
3		Y N	AS BEFORE	# 1 CORED	- SAME		
4		Y N			* CONSIDER ADDING 10 TO ALL LAST DIMS		
5		Y N			- CRIBS ARE LIMITING		
6		Y N					
7		Y N					
8		Y N					
9		Y N					
10		Y N					

Stream CHANNEL

*Est. Present Water Level Depth 0.5 (m) | *Est. Present Water Level Width 2.5 (m) | *Est. High Water Level Clearance 1.2 (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		~~IF FIX~~
2	H M L		
3	H M L		

*Monitoring Status: ☒ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	crib sour
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	R-L		LEFT ABUT
	US		RIGHT ABUT
	DS		STRINGERS
	L-R		LEFT SCOUR

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): 2015

(PEng to review and evaluate inspector's estimate, and to update "Estimate of Full Log Haul Traffic Replacement (year)" on structure details screen in CBR as necessary)

*Date of Inspection (yyyy/mm/dd)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2011/11/11	ONSITE ENG LTD	JEREMY ARAKI	

Inspector's Comments

IF FIXING CRIB, THEN JUST REPLACE

J. C. P. ARAKI # 29756 PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 5 tonnes
(PEng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd) 2013/09/30

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MoF	T. Miller		2012/05/09

PEng Reviewer's Comments

5 tonnes load rating. Monitor cribs, and replace/deactivate soon.

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

* Denotes Mandatory Information for Corporate Bridge Register

CK2003 Load Rating

CK2003 Downstream

CK2003 Upstream

CK2003 Right to Left Approach

CK2003 Right Abutment

CK2003 Left to Right Approach

CK2003 Stringers

CK2003 Left Abutment

CK2003 Left Abutment Scour