BC Ministry of Forests and Range

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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 2308	*Crossing Name: Unknown	*Type/Class: ☑ Temporary bridge ☐ Permanent bridge	*Project File ID# 7972
*Structure #:			*Br. 02
*FSR Name: UELUS E ANDERSON	*Forest District: CK	*Kilometres:	User km: 29.4

Longitude: (ddd / mm / ss.s) 49° 43' 19.7"	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 121° 15' 18.6"				

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 CURVES
Bridge Ahead Signs Missing	0 1 (2)	
Brushing Required	(Yes) No	MINOR
Delineator Missing Left	(0) 1 2	
Delineator Missing Right	0 1 (2)	ALL 4 ARE LH DELNS
Fender Condition	E G F P (None) UR	
Posted Load Rating	_____(tonnes) or (None)	
Road Surface	E (G) F P UR	

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	UNDERMINED LOLO
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	LOGS SET BACK FROM OLD CRIBS - SEE BELOW
Piles or Posts	E G F P (N/A) UR	
Ballast Wall	E (G) F P N/A UR	LOGS WRAPPED WITH GEOTEXTILE
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	FAILED IN RIGHT U.S CORNER
Riprap	E G F (P) N/A UR	NONE UNDER BRIDGE
Bearings	E G F (P) N/A UR	UNDERMINED ON U.S. RIGHT CORNER
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	_____ metres or (N/A)	
Curb Rail/Blocks/Posts	E G (F) P UR	SOME DAMAGE - STEEL RISERS
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 23058 | *Structure #:

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E (G) F P UR	CANNOT SEE UNDER - RIGHT CRIB OLD LOG BRACING
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 0.7 (m) | *Est. Present Water Level Width 3 (m) | *Est. High Water Level Clearance 2.5 (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		FILL ON RIGHT - SUGGEST REMOVING & INSTALLING ON NEW ABUTMENTS
2	H M L		
3	H M L		

*Monitoring Status: ☒ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	FILL ON RIGHT
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	R-L		DS LEFT CRIB
	DECK & FILL		LEFT BEARING BRIDGE ID
	L-R		GIRDERS GUARD RAIL
	US		FROM DS RIGHT US. FILL
			RIGHT CRIB RIGH U.S. BEARING

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): 2005
(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
2011/11/11	ONSITE ENG LTD	JEREMY ARAKI	

Inspector's Comments: SEE REPAIRS

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

PROFESSIONAL ENGINEER (PEng) 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): 2012/09/30

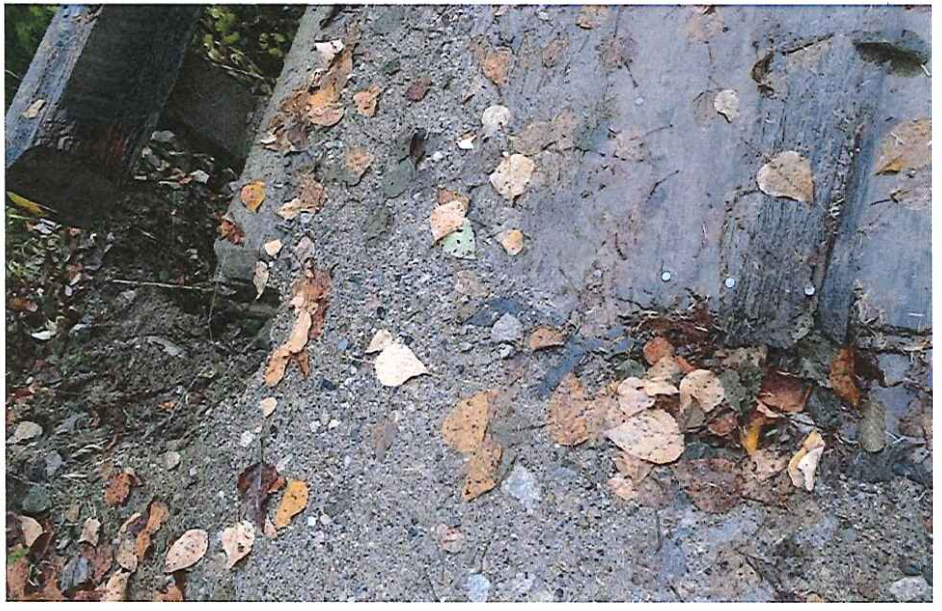
Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MoF	T. Miller		2012/02/07

PEng Reviewer's Comments:
Due to undermined crib and failing fill under new sill, present load rating of 5 tonnes to continue.

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

* Denotes Mandatory Information for Corporate Bridge Register

Agree with inspector, suggest remove and replace on new new abutments.



CK2308 Deck and Fill

CK2308 Bridge ID

CK2308 Left to Right Approach

CK2308 Right to Left Approach

CK2308 Left Abutment Bearing

CK2308 Upstream

CK2308 Girders

CK2308 Downstream

CK2308 Left Abutment Crib

CK2308 From Downstream

CK2308 Guard Rails

CK2308 Right Abutment Crib

CK2308 Right upstream fill

CK2308 Right upstream bearing