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-2270	*Crossing Name:	*Type/Class: [X] Temporary bridge [ ] Permanent bridge	*Project File ID# 8013
*Structure #:			*Br. 01
*FSR Name: Stave River	*Forest District: CK	*Kilometres:	User km:

Longitude: (ddd / mm / ss.s) W122° 20' 30''	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) N49° 33' 52.2''				

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 vertical → overtopper
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	

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	Sill timbers
Piles or Posts	E G F P (N/A) UR	
Ballast Wall	E (G) F P N/A UR	Timber
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	Rusted, some loose
Fill	E (G) F P N/A UR	
Riprap	E (G) F P N/A UR	
Bearings	E G (F) P N/A UR	New bearing over old crib on two corners
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	Tabs
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 to right d/s
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-2270 | *Structure #:

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)	CAN NOT SEE BTWN GIRDERS
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 Width 6 (m) | *Est. High Water Level Clearance 1.3 (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
	L→B		Guardrail damage
	Firm u/s		Right bearing
	Right abut		R→L abut
	left bearing		Right abut
			left abut girders

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): 2020
(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
2011/11/09	Onsite Engineering	Jeremy Araki	[signature]

Inspector's Comments

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

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 68 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	[signature]	Jan 26, 2012

PEng Reviewer's Comments
Steel identification indicates L75 or 68 tonnes rating, send asbuilts for confirmation.

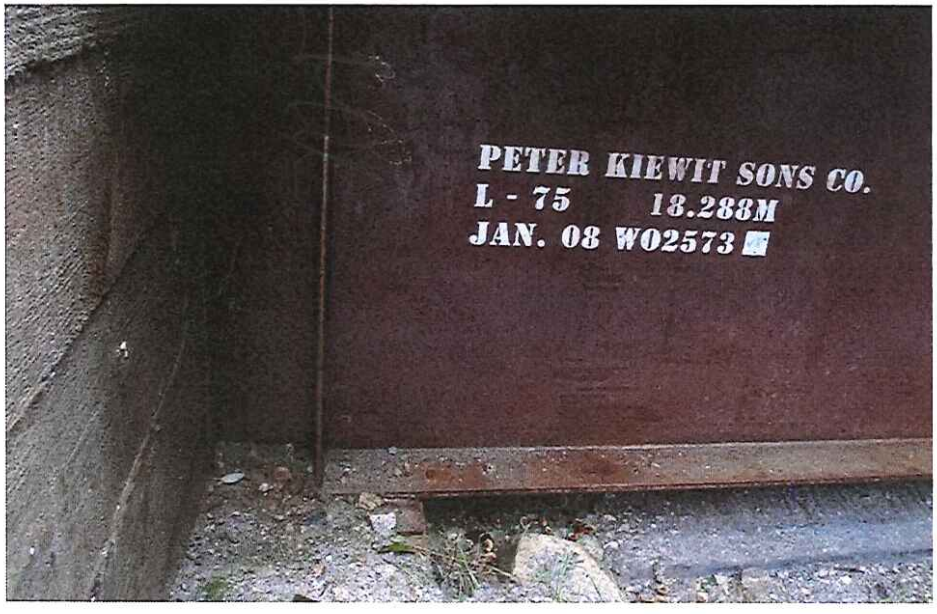
PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — T. W. MILLER # 35995

* Denotes Mandatory Information for Corporate Bridge Register

Repair damaged guardrail and post bridge ahead signs.

CK2270 Right Abutment

CK2270 Left to Right Approach



CK2270 Left Bearing

CK2270 From Upstream

CK2270 Right to Left Approach

CK2270 Guard Rails

CK2270 Left Abutment

CK2270 Roght Bearing

CK2270 Right Abutment Crip

CK2270 Girders