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 #: CK-2267 *Structure #:	*Crossing Name: Ole Crk	*Type/Class: ☐ Major Culvert ☑ Woodbox/Log Culvert	*Project File ID# 8013 *Br. 01
*FSR Name: Stave River	*Forest District: CK	*Kilometres:	User km: 17.6

Longitude: (ddd / mm / ss.s) W 122° 17' 42.5" Latitude: (ddd / mm / ss.s) N 49° 32' 37.9"	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	Rotting
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	Left is poor, broken on u/s side Right is fair
Tie-backs	E G (F) (P) N/A UR	Same as 2009
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	
Ballast Wall	E G F P (N/A) UR	
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	Lashed cribs & needle beam - Loose
Fill	E G F (P) N/A UR	Filling
Riprap	E G (F) P N/A UR	Rounded, NOT EFFECTIVE
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 12.2m length

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	Falling through
Gravel Deck Depth	0.3-0.5 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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GENERAL INFORMATION

*Site #: CK-2267 | *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	Loose & Ineffective

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	Cw	(Y) N	700				
2	↓	Y N	820				
3	↓	Y N	670	SEE 2009, NO CHANGE			
4	↓	Y N	750	20 cc RED – SAME AS 2009			
5	↓	Y N	730	50			Span = 12.0m
6	↓	Y N	740	20			Gravel = 0.3m
7	↓	Y N	760	50			
8		Y N					
9		Y N					
10		Y N					

Stream CHANNEL

*Est. Present Water Level Depth 0.05 (m) | *Est. Present Water Level Width 1 (m) | *Est. High Water Level Clearance 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		DIG OUT BRIDGE
2	H M L		(LIKELY JUST REPLACE) FAM SCALE IF
3	H M L		WILL BE DOWNRATED)

*Monitoring Status: ☒ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	AGGRADATION, CRIB SCOUR (?)
2	BROKEN CRIB

PHOTO LOG

Photo #	Description	Photo #	Description
	B-ft		Left
	U/S		Framing
	D/S		Left abut
	Deck below		Right abut
			Flow down

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes (No)

P Eng Inspection Required? Yes (No)

Inspector's Estimate of Full Log Haul Gross Replacement Date (year): 2011
(PEng to review and evaluate inspector's estimate and enter "Y" in Haul Gross 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
2011/11/08	Onsite Engineering	Jeremy Araki	J. C. P. ARAKI # 29756 BRITISH COLUMBIA ENGINEER

Inspector's Comments
LOAD RATE – REMEMBER FILL IS FAILING ON DECK

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): 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		2012/02/20

PEng Reviewer's Comments
5 tonnes load rating, please post.

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

* Denotes Mandatory Information for Corporate Bridge Register

CK2267 Downstream

CK2267 Right to Left Approach

CK2267 Deck Damage

CK2267 Upstream

CK2267 Left Abutment

CK2267 Left to Right Approach

CK2267 fill failing

CK2267 From Upstream

CK2267 Right Abutment

CK2267 From Downstream