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 #: Cle 2267	*Crossing Name: Unknown	*Type/Class: ☐ Major Culvert ☑ Woodbox/Log Culvert	*Project File ID# 8013
*Structure #:			*Br. 01
*FSR Name: Stave River	*Forest District: Cle	*Kilometres: 10.5km	User km:

Longitude: (ddd / mm / ss.s) W122° 15' 21.9"	OR	UTM Zone	UTM Easting / UTM Northing
Latitude: (ddd / mm / ss.s) N49° 29' 6.9"			

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 horizontal
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 covered in silt
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	
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	Ladder is loose
Fill	E (G) F P N/A UR	
Riprap	E G F P (N/A) UR	None
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	0.300 metres or N/A	
Curb Rail/Blocks/Posts	E G F (P) UR	None
Handrails/ Walkouts	E G F P (N/A) UR	
Hardware	E G F P N/A (UR)	Corroded
Overall Deck Condition	E G (F) P UR	

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

GENERAL INFORMATION

*Site #: CK-~~2262~~ 2262 | *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	Covered w/ coil
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	Cu	Y N	75 average	↑			Span = 9.7m
2	↓	Y N	↓	20-60cm			Gravel = 350mm
3	↓	Y N	↓	↓			Asbuilt Diameters
4	↓	Y N	↓	↓			
5	↓	Y N	↓	↓			very knotty
6	↓	Y N	↓	↓			
7	↓	Y N	↓	↓			
8		Y N					
9		Y N					Pur to high water could
10		Y N					not get underneath (Beaverdam)

Stream CHANNEL — CLEAR BEAVER DAMS TO ASSESS PROPERLY

*Est. Present Water Level Depth 1.2 (m) | *Est. Present Water Level Width 10 (m) | *Est. High Water Level Clearance 0.5 (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		Remove beaver dam
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→R		Flow u/s
	u/s		
	d/s		
	From u/s		

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 as [illegible] Replacement (year)* on structure details screen in CBR as necessary)

*Date of Inspection (yyyy/mm/dd) 2011/11/09 | *Inspection Company Name Onsite Engineering | *Inspector's Name (print) Jeremy Araki | Inspector's Signature

Inspector's Comments: Suggest downrate - I WOULD USE 65cm Ø TO RATE ONLY 2 STRINGERS. FILL IS SANDY AND THIN. STRINGERS ARE ALL VERY KNOTTY

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

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 20 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: MoF | Reviewed by - PEng's Name (print): T. Miller | Reviewed by - PEng's Signature | Date Reviewed (yyyy/mm/dd) Jan 25, 2012

PEng Reviewer's Comments: 20 tonnes load rating; post load rating and bridge ahead signs.

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

* Denotes Mandatory Information for Corporate Bridge Register

FS1337A HEG Oct. 18, 2010

Remove beaver dam and inspect in low water to properly assess cribs and stringers. Plan to replace entire structure soon.

CK2262 Downstream

CK2262 Left to Right Approach

CK2262 Right to Left Approach

CK2262 Upstream

CK2262 From Downstream 2

CK2262 From Upstream

CK2262 From Downstream