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-2263	*Crossing Name: Unknown	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# 8013 *Br. 01
*Structure #:			
*FSR Name: Stave River	*Forest District: CK	*Kilometres: 11.4km	User km:

Longitude: (ddd / mm / ss.s) W122° 15' 23.0"	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) N49° 29' 29.8"				

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	
Posted Load Rating	_____ (tonnes) or (None)	
Road Surface	E G (F) P UR	Hole in R/S fill

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	COVERED IN WATER DUE TO BEAVER DAM
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	
Fill	E G (F) P N/A UR	
Riprap	E G F P N/A UR	CANNOT SEE
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	Hole in R/S and gravel fill
Gravel Deck Depth	0.37 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	LASHING REPAIR
Overall Deck Condition	E G F (P) UR	HOLE IN FILL

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GENERAL INFORMATION

*Site #: CK-2263 | *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
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	SAME AS LAST				Broken stringer replaced
3		Y N	BUT BROKEN STRINGER				
4		Y N	WAS REPLACED				
5		Y N	COULD NOT ACCESS				
6		Y N	PROPERLY DUE TO BEAVER DAM				
7		Y N					
8		Y N					Span = 11.5m
9		Y N					Gravel = 700mm
10		Y N					2009 Inspection Diameters

Stream CHANNEL

*Est. Present Water Level Depth 1.7 (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 DAMS
2	H M L		REPLACE FILL & ADD GEOTEXTILE
3	H M L		

***Monitoring Status:** ☐ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	R→L		removed string
	Fill N/A x2		
	L→R		
	From N/A		

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): (PEng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic 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

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

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 54 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 26, 2012

PEng Reviewer's Comments
Remove beaver dam and assess cribs and stringers in summer of 2012.
2009 Inspection noted the cribs as poor.

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

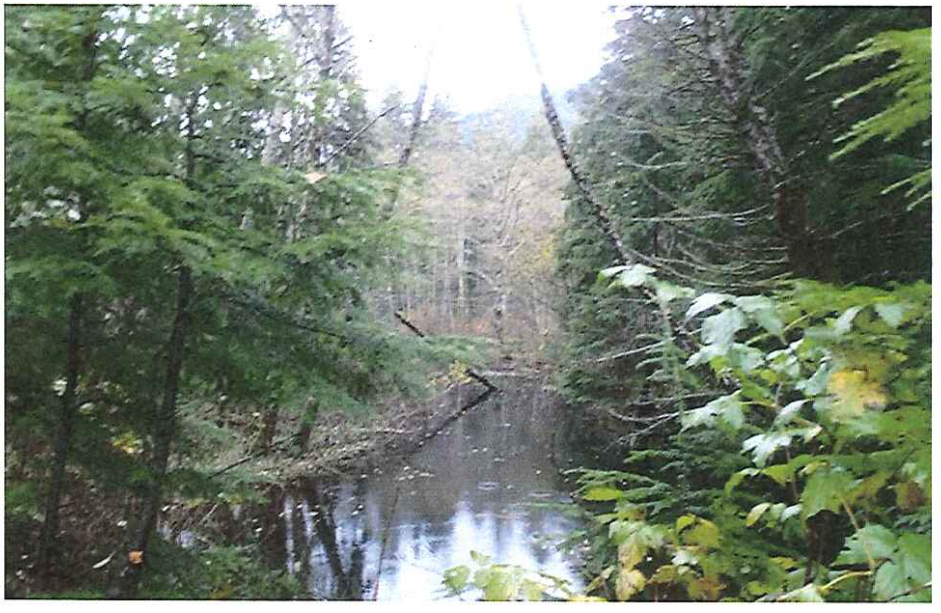
* Denotes Mandatory Information for Corporate Bridge Register

FS1337A HEG Oct. 18, 2010

Post bridge ahead and load rating signs. Pull gravel surfacing, lay geotextile to prevent surfacing from eroding and replace to a minimum depth of 600mm. Place curbs and log fenders. Present load rating of L60 or 54 tonnes to continue.

CK2263 Upstream

CK2263 Beaver dam at inlet



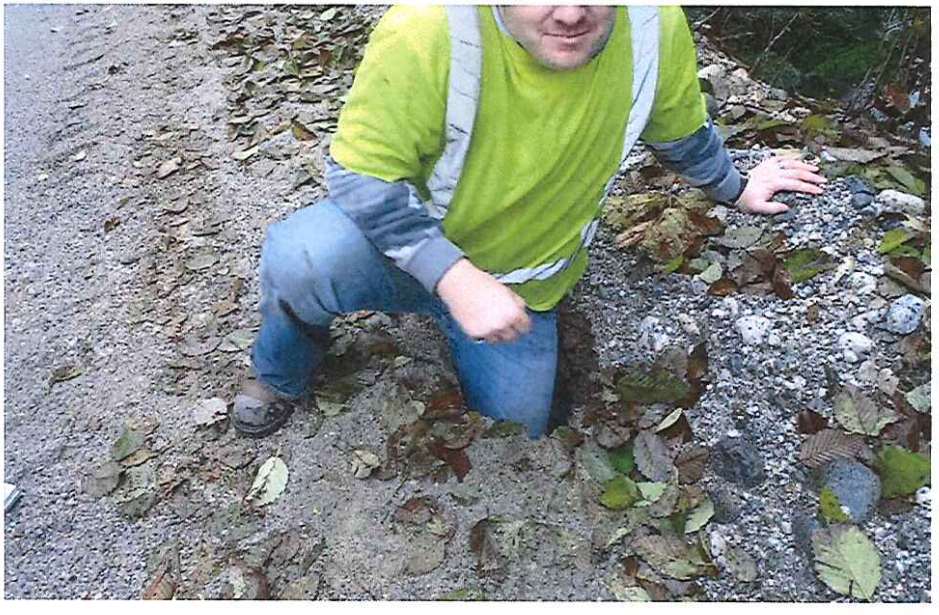
CK2263 From Downstream

CK2263 Left to Right Approach

CK2263 Right to Left Approach

CK2263 Hole in Fill

CK2263 From Upstream



CK2263 Hole in Fill is bigger below

CK2263 Left Abutment

CK2263 Broken Stringer that was removed