ck 2206

BC Ministry of Forests and Range

Bridge Register

Structure Inventory Data Form
BRIDGES

STRUCTURAL DETAILS

Number of Spans: 1

Needle Beams? ☐ Yes ☑ No

Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] 8.3 c-c

Portable Structure? ☐ Yes ☑ No

Portable Superstructure Status: ☐ Installed ☐ Storage

Portable Superstructure Storage Location:

***Bridge Length (metres):** 8

***Superstructure:**

- ☐ Compo Girders
- ☐ Concrete Box Beam
- ☐ Concrete Cast in Place
- ☐ Concrete I/T Beam
- ☐ Concrete Slab Girders
- ☐ Glulam Girder
- ☑ Log Stringer
- ☐ Other
- ☐ Rail Car
- ☐ Steel Box Beam
- ☐ Steel I-Beam
- ☐ Steel Truss/Bailey/Acrow
- ☐ Timber-Treated Stringers
- ☐ Timber-Untreated Stringers

***Deck Type:**

- ☐ Concrete
- ☐ Concrete Composite
- ☐ Concrete Removable
- ☑ Gravel
- ☐ Other
- ☐ Steel
- ☐ Steel Free
- ☐ Timber-Treated
- ☐ Timber-Treated Panels
- ☐ Timber-Untreated
- ☐ Timber-Untreated Panels

***Deck Width (metres):** 6

***Running Surface:** ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☑ Gravel ☐ N/A ☐ Timber Planks

***Left Abutment:**

- ☐ Binwall
- ☐ Concrete Cast in Place
- ☐ Concrete Lock Blocks
- ☐ Concrete Precast
- ☐ Crib, Log or Timber
- ☐ Other
- ☐ Pile-Temporary Materials
- ☐ Pile-Permanent Materials
- ☐ Sill-Permanent Materials
- ☐ Sill-Temporary Materials
- ☐ Steel Pipe & Precast Pat

***Right Abutment:**

- ☐ Binwall
- ☐ Concrete Cast in Place
- ☐ Concrete Lock Blocks
- ☐ Concrete Precast
- ☑ Crib, Log or Timber
- ☐ Other
- ☐ Pile-Temporary Materials
- ☐ Pile-Permanent Materials
- ☐ Sill-Permanent Materials
- ☐ Sill-Temporary Materials
- ☐ Steel Pipe & Precast Pat

Comments:

L-5

BC Ministry of Forests and Range

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

GENERAL INFORMATION

(enter either long/lat or UTM – not both)

Site # CK-2206		Structure # ck2206		
FSR Name North Ainslie CRK	User km —	Project File ID		Branch
Longitude: (ddd / mm / ss.s) 50 00 58.0 **OR**		UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 121 22 46.9				

LEFT/RIGHT APPROACHES (as seen facing downstream)

E = excellent; G = good; F = fair; P = poor; N/A = not appl.

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G F (P)	CAMP CUT SLOPE RAVELING - Rd Blocked
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)	NO FENDERS
Posted Load Rating (tonnes)	—	NOT POSTED
Road Surface	E G F (P)	PUDDLE OVER STRUCTURE

ATV ACCESS ONLY

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	2X Fd CLOSED FACED CRIB SMOOTH ABUT
Tie-backs	E G (F) P N/A	3X CAMP 2X WOODS
Bin Wall	E G F P (N/A)	
Precast Concrete	E G F P (N/A)	
Caps or Sills	E G (F) P	
Piles or Posts	E G F P (N/A)	
Ballast Wall	E (G) F P	
Wing Wall	E G F P (N/A)	
Bracing	E G F P (N/A)	
Hardware	E (G) F P N/A	CRIB LASHED TO TIE FACES.
Fill	E G (F) P	600mm OF FILL
Riprap	E G F P (N/A)	NO RIPRAP
Bearings	E (G) F P	
Corrosion Protection	E G F P (N/A)	

HAVE POCKETS OF ROT. CONK PRESENT

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	E G (F) P	
Running Planks	E G F P (N/A)	
Sub-deck	E G F P (N/A)	
Ties	E G F P (N/A)	
Nails	E G F P (N/A)	
Deck to Girder Bolts	E G F P (N/A)	
Concrete Deck	E G F P (N/A)	
Grout Pockets	E G F P (N/A)	
Deck Joints	E G F P (N/A)	
Anti-skid Surface	E G F P (N/A)	
Gravel Surface	E G (F) P N/A	600mm OF FILL.
Curb Rail/Blocks/Posts	E G F P	
Handrails/ Walkouts	E G F P N/A	U/S CURB LOG NOT ADEQUATE. ITS FLUSH W/ XING SURFACE.
Hardware	E G F (P) N/A	OUTSIDE STRINGERS LASHED.
Overall Deck Condition	E G (F) P	

BC Ministry of Forests and Range

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

GENERAL INFORMATION

Site # CK 2206 | Structure # ck2206

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) N/A	U/S CURB NOT OCB
Needle Beams and Shims	E G F P (N/A)	

Stringer #	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	Sx	(Y) N	690	—	—	—	ROTTEN
2	Sx	(Y) N	590	70			
3	Sx	(Y) N	560	30			
4	Fd	Y (N)	750	0			
5	Sx	Y (N)	450	0			
6	Sx	Y (N)	520	10			
7	Fd	Y (N)	570	20			
8	Sx	Y (N)	520	0			
9	Sx	Y (N)	630	0			
10	Sx	Y (N)	520	0			

11 Fd 680 0
12 Sx 440 0
13 Sx 550 60
14 Sx 720 30
15 BROKEN + LEANING INTO STREAM.

* Generally the old stringers are in a very poor condition. outside stringers are either failed or rotten. Replace stringers.

CHANNEL

Est. Present Water Level Depth (m) 0.3 | Est. Present Water Level Width (m) 2.0 | Est. High Water Level Clearance (m) 1.4

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 (H = High, M= Medium, L = Low)

#	Priority (circle)	Estimate ($)	Description
1	(H) M L		REPLACE STRUCTURE.
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	C TO W		D/S
	FAILED STRINGER X		W TO C
	CAMP CUT SLOPE		WOOD ABUT
	U/S		CONES ON GRID

CAMP ABUT FROM D/S.

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes (No)	P Eng Inspection Required? Yes (No)	Date of Inspection (yyyy/mm/dd)
		Oct 26 - 2009
Inspection Company Name	**Inspector's Name (print)**	**Inspector's Signature**
Forste Eng + Geo	Ali Sadeghi	

Comments

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 10 t		Date of Next Inspection	
Reviewer Company Name	**Reviewed by - PEng's Name (print)**	**Reviewed by - PEng's Signature**	**Date Reviewed (yyyy/mm/dd)**
	L. Stevanovic	Digitally signed by L. Stevanovic Date: 2010.01.19 16:41:40 -08'00'	

Comments: 5t load rating. Clean stream debris from D/S broken log stringer. Replace the bridge.