



BC Ministry of
Forests and Range

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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]
61 C-C

Portable Structure?

☐ Yes

☒ No

Portable Superstructure
Status:

☐ Installed

☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):

*Superstructure:

☐ Compo Girders

☐ Concrete Cast in Place

☐ Concrete Slab Girders

☒ Log Stringer

☐ Rail Car

☐ Steel I-Beam

☐ Timber-Treated Stringers

☐ Concrete Box Beam

☐ Concrete I/T Beam

☐ Glulam Girder

☐ Other

☐ Steel Box Beam

☐ Steel Truss/Bailey/Acrow

☐ Timber-Untreated Stringers

*Deck Type:

☐ Concrete

☐ Concrete Removable

☐ Other

☐ Steel Free

☐ Timber-Treated Panels

☐ Timber-Untreated Panels

☐ Concrete Composite

☒ Gravel

☐ Steel

☐ Timber-Treated

☐ Timber-Untreated

*Deck Width (metres):

48

*Running Surface:

☐ Anti-Skid

☐ N/A

☐ Asphalt

☐ Timber Planks

☐ Concrete

☒ Gravel

*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:

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

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

Site # <u>CK-2008</u>	Structure # <u>CK2008</u>
FSR Name <u>ANDERSON</u>	User km <u> </u>
Project File ID <u>8074</u>	Branch <u>07</u>
Longitude: (ddd / mm / ss.s) <u>401424.53</u>	OR UTM Zone <u> </u>
Latitude: (ddd / mm / ss.s) <u>121 21 51.1</u>	UTM Easting <u> </u>
	UTM Northing <u> </u>

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 <u>(F)</u> P	
Bridge Ahead Signs Missing	0 1 <u>(2)</u>	
Brushing Required	<u>(yes)</u> No	
Delineator Missing Left	<u>(0)</u> 1 2	<u>1. BRUSHED IN BADLY</u>
Delineator Missing Right	<u>(0)</u> 1 2	
Fender Condition	E G <u>(P)</u> P None	
Posted Load Rating (tonnes)	-	<u>NOT POSTED</u>
Road Surface	E G <u>(P)</u> P	<u>SOME POTHOLES</u>

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 <u>(N/A)</u>	
Tie-backs	E G F P <u>(N/A)</u>	
Bin Wall	E G F P <u>(N/A)</u>	
Precast Concrete	E G F P <u>(N/A)</u>	
Caps or Sills	E G F P	<u>LARGE CW SILL ON DIRT. DIS CAMP SILL</u>
Piles or Posts	E G F P <u>(N/A)</u>	
Ballast Wall	E G F P	<u>NOT VIS. MOST LIKELY SILL LOG.</u>
Wing Wall	E G F P <u>(N/A)</u>	
Bracing	E G F P <u>(N/A)</u>	
Hardware	E G F P <u>(N/A)</u>	
Fill	E G F <u>(P)</u>	<u>FILL REPOSING INTO CHANNEL AT DIS CAMP + DIS</u>
Riprap	E G F <u>(P)</u> N/A	<u>NO RIP RAP.</u>
Bearings	E G <u>(F)</u> P	
Corrosion Protection	E G F P <u>(N/A)</u>	

Span 1 of 1 (spans are numbered consecutively starting from the left abutment)

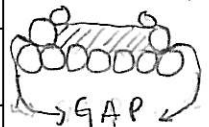
Use "Additional Spans" Sheet for Multiple Spans

DECK

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface	E G F <u>(P)</u>	
Running Planks	E G F P <u>(N/A)</u>	
Sub-deck	E G F P <u>(N/A)</u>	
Ties	E G F P <u>(N/A)</u>	
Nails	E G F P <u>(N/A)</u>	
Deck to Girder Bolts	E G F P <u>(N/A)</u>	
Concrete Deck	E G F P <u>(N/A)</u>	
Grout Pockets	E G F P <u>(N/A)</u>	
Deck Joints	E G F P <u>(N/A)</u>	
Anti-skid Surface	E G F P <u>(N/A)</u>	
Gravel Surface	E G F <u>(P)</u> N/A	<u>PIT HOLES ON SURFACE.</u>
Curb Rail/Blocks/Posts	E G <u>(F)</u> P	<u>OLD ROTEN.</u>
Handrails/Walkouts	E G F P <u>(N/A)</u>	
Hardware	E G F P <u>(N/A)</u>	<u>NOT LASHED.</u>
Overall Deck Condition	E G <u>(F)</u> P	

BEGINNING TO
SCOUR & UNDER-
MINED. N 50-100
OF SAP ROT.

FULL REPOSING INTO CHANNEL AT DIS CAMP + DIS
LEADS ABUT
CORNERS.



**Routine Condition Bridge Inspection Form**
(for log stringer or timber stringer bridges)**GENERAL INFORMATION**Site # CR-2008Structure # CR2008**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	
Needle Beams and Shims		E	G	F	P	(N/A)	
Stringer #	Species	Peel? (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	480	20			} CW Stringers are generally in a very poor shape. Load limit should be revised based on rot observed.
2	"	Y N	430	10			
3	"	Y N	370	30			
4	"	Y N	350	60			
5	"	Y N	470	20			
6	"	Y N	390	20			
7	"	Y N	350	30			
8	"	Y N	380	20			
9	"	Y N	420	20			
10	"	Y N	410	20			

CHANNELEst. Present Water Level Depth (m) 0.1Est. Present Water Level Width (m) 0.5Est. High Water Level Clearance (m) 0.8**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 CAMP SILL IS UNDERMINED DUE TO SCOUR.**REPAIRS (H = High, M = Medium, L = Low)**

#	Priority (circle)	Estimate (\$)	Description
1	(H) M L		CONSIDER REPLACING STRUCTURE w/ INDUSTRIAL ACT.
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
(1)	MONITOR SCOUR AT ABUTMENT
(2)	FILL SPILLING INTO CHANNEL.

PHOTO LOG

Photo #	Description	Photo #	Description
	C TO W		WOOD ABUT
	U/S		CAMP ABUT
	D/S		FILL SPILL. x 3
	N/C		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)

2009-10-21

Inspection Company Name

Forsite Eng & Geo

Inspector's Name (print)

Ali Sudezhi

Inspector's Signature

Comments

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTIONCurrent Load Rating GVW (tonnes): 40t

Date of Next Inspection

Reviewer Company Name

MFR

Reviewed by - PEng's Name (print)

L. Stevanovic

Reviewed by - PEng's Signature

Digitally signed by L. Stevanovic
Date: 2009.12.24 11:33:02 -08'00'

Date Reviewed (yyyy/mm/dd)

Comments load rating 35 t due to rotten stringers. repair fill spilling into channel, clean channel, monitor scour.