

★
L-5

CK 2003



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]

52

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):

52

*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:

★
L-5



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 2003</u>		Structure #				
FSR Name <u>AMERICAN CCF FER</u>		User km <u>8.1</u>	Project File ID <u>8123</u>		Branch <u>01</u>	
Longitude: (ddd / mm / ss.s) <u>49 25 05.9</u>		OR		UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>121 31 22.3</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		<u>SHARP VER. CURV. ON WOODS APPR.</u>			
Bridge Ahead Signs Missing	0 1 <u>(2)</u>					
Brushing Required	Yes No <u>(X)</u>					
Delineator Missing Left	<u>(0)</u> 1 2					
Delineator Missing Right	<u>(0)</u> 1 2					
Fender Condition	E G <u>(F)</u> P None		<u>LOGS</u>			
Posted Load Rating (tonnes)	<u>5</u>					
Road Surface	E G <u>(F)</u> P		<u>ROAD SEMI DEACT. W/ DEEP CROSS DITCHES</u>			
LEFT/RIGHT ABUTMENTS (as seen facing downstream)						
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)			
Log/Timber Cribbs	E G F <u>(P)</u> N/A		<u>2X CLOSED TIEED CW - 50-20mm OF SAW POT.</u>			
Tie-backs	E G <u>(F)</u> P N/A		<u>3X CW</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					
Piles or Posts	E G F P <u>(N/A)</u>					
Ballast Wall	E <u>(G)</u> F P		<u>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>CAMP + WOODS SCOUR.</u>			
Riprap	E G F P <u>(N/A)</u>		<u>ALMOST NO RIP RAP LEFT.</u>			
Bearings	E <u>(G)</u> F P					
Corrosion Protection	E G F P <u>(N/A)</u>					
Span 1 of <u> </u> (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 <u>(F)</u> P					
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 <u>(F)</u> P <u>(N/A)</u>		<u>+600mm OF FILL</u>			
Curb Rail/Blocks/Posts	E G <u>(F)</u> P		<u>OLD LOGS NOT USED TO STRUCTURE</u>			
Handrails/Walkouts	E G F P <u>(N/A)</u>					
Hardware	E G F P <u>(N/A)</u>					
Overall Deck Condition	E G <u>(F)</u> P					

WOODS ABUT:
VERY BADLY
SCOURED!
CAMP ABUT:
MUD SLICKS 7' BT
BETTER. IS A BIT
BUT STILL SCOUR
NOT AS BAD AS
WOODS ABUT.

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

GENERAL INFORMATION							
Site # <u>CK 2023</u>				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 N/A					
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	W	Y N	750	20			
2	"	Y N	690	20			
3	"	Y N	670	20			
4	"	Y N	620	20			
5	"	Y N	570	30			
6	"	Y N	520	20			
7	"	Y N	620	20			
8	"	Y N	650	50			
9	"	Y N	550	30			
10	"	Y N	750	20			
CHANNEL							
Est. Present Water Level Depth (m) <u>0.2</u>		Est. Present Water Level Width (m) <u>5.0</u>		Est. High Water Level Clearance (m) <u>1.2</u>			
HAZARDS (circle yes or no for each item)							
High Water?	Yes <u>No</u>	Scour?	Yes <u>No</u>	Ice?	Yes <u>No</u>	Debris?	Yes <u>No</u>
Aggradation?		Yes <u>No</u>					
Comments <u>ABUT SCOUR.</u>							
REPAIRS (H = High, M = Medium, L = Low)							
#	Priority (circle)	Estimate (\$)	Description				
1	H M L						
2	H M L						
3	H M L						
ITEMS TO MONITOR							
#	Description						
1	<u>CAMP + WOODS SCOUR</u>						
2							
PHOTO LOG							
Photo #	Description	Photo #	Description				
	<u>W TO C</u>		<u>WOODS ABUT</u>				
	<u>D/S</u>		<u>WOODS SCOUR x 4</u>				
	<u>D/S</u>		<u>CAMP ABUT</u>				
	<u>C TO W</u>		<u>FROM D/S</u>				
INSPECTOR TO COMPLETE THIS SECTION							
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes <u>No</u>		Date of Inspection (yyyy/mm/dd) <u>2009-10-24</u>			
Inspection Company Name <u>Forst Engineering</u>		Inspector's Name (print) <u>Ali Sadeghi</u>		Inspector's Signature <u>[Signature]</u>			
Comments <u>LOAD RATING TO REMAIN THE SAME</u>							
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION							
Current Load Rating GVW (tonnes): <u>10t</u>				Date of Next Inspection			
Reviewer Company Name		Reviewed by - P Eng's Name (print) <u>L. Stevanovic</u>		Reviewed by - P Eng's Signature		Date Reviewed (yyyy/mm/dd)	
Comments <u>load rated 10t in 2003 due to heavy scour.</u>							