

IN ACTIVE

(11)

Sup 6

BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

GENERAL

*Structure #		*Site #: CK 2007	
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge		Crossing Name:	
*Forest District: Chilliwack		Management Area:	
*Forest Service Road: ANDERSON SEVEN		Kilometres: 0.1	
*Project File ID#: 8074		*Br. 07	
Built For: ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder		☐ Operations Division ☐ Road Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☐ New Structure ☐ Replacement Structure		☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries	
Year Built:		Year Added to Inventory:	
Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR)		Design Load Rating GVW (tonnes): (Typically obtained from design drawings)	
Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other			
*Primary User Client Number:		*Client Location Code:	
Primary User Name:			
As Built Information on File? ☐ Yes ☐ No			
Installation Cost (\$):		Material Cost (\$):	
REPLACEMENT DETAILS			
Original Replacement (year):		Estimated Closure (year):	
Light Vehicle Traffic Replacement (year):		*Full Log Haul Traffic Replacement (year): (PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).	
Estimated Replacement Cost (\$):			
Replacement Cost Comments:			

* Denotes Mandatory Information for Corporate Bridge Register



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STRUCTURAL DETAILS

Number of Spans: 1

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

Number of Piers: 1

Pier Type:

- ☐ Concrete ☐ Crib - Timber
☐ Piles - Concrete ☐ Piles - Steel
☐ Piles - Timber Treated ☐ Piles - Timber Untreated
☐ Steel Column on Concrete Pad

Needle Beams?

☐ Yes ☒ No

Portable Structure?

☐ Yes ☒ No

Portable Superstructure Status:

☐ Installed
☐ Storage

Portable Superstructure Storage Location:

*Bridge
Length
(metres):

5.2

*Superstructure:

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

*Deck Type:

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

*Deck Width
(metres):

4.9

*Running Surface:

- ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☒ Gravel
☐ Not Available ☐ Timber Planks

*Left Abutment:

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

*Right Abutment:

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

Comments:

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

*Site #: <u>CIC-2007</u>	*Crossing Name:	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	(enter either long/lat or UTM below – not both)	
*Structure #:			*Project File ID# <u>B074</u>	
*FSR Name: <u>ANDERSON SEW.</u>	*Forest District: <u>ChilliWack</u>	*Kilometres:	*Br. <u>07</u>	
Longitude: (ddd / mm / ss.s) <u>49 43 44.7</u>		UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>121 21 56.8</u>				

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 <u>(P)</u> UR	
Bridge Ahead Signs Missing	0 1 <u>(2)</u>	
Brushing Required	<u>(Yes)</u> No	
Delineator Missing Left	<u>(0)</u> 1 2	
Delineator Missing Right	<u>(0)</u> 1 2	
Fender Condition	E G F P <u>(None)</u> UR	
Posted Load Rating	(tonnes) or <u>(None)</u>	<u>NOT POSTED</u>
Road Surface	E G F <u>(P)</u> 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 <u>(N/A)</u> UR	
Tie-backs	E G F P <u>(N/A)</u> UR	
Bin Wall	E G F P <u>(N/A)</u> UR	
Concrete (cast in place; lock blocks, precast)	E G F P <u>(N/A)</u> UR	
Caps or Sills	E G <u>(P)</u> P N/A UR	<u>SINGLE SILL WITH $\approx$ 200mm ∇ OF</u>
Piles or Posts	E G F P <u>(N/A)</u> UR	
Ballast Wall	E G F P <u>(N/A)</u> UR	
Wing Wall	E G F P <u>(N/A)</u> UR	
Bracing	E G F P <u>(N/A)</u> UR	
Hardware	E G F P <u>(N/A)</u> UR	
Fill	E G <u>(F)</u> P N/A UR	
Riprap	E G F <u>(P)</u> N/A UR	
Bearings	E G <u>(F)</u> P N/A UR	
Corrosion Protection	E G F P <u>(N/A)</u> 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 <u>(N/A)</u> UR	
Running Planks	E G F P <u>(N/A)</u> UR	
Sub-deck	E G F P <u>(N/A)</u> UR	
Ties	E G F P <u>(N/A)</u> UR	
Nails	E G F P <u>(N/A)</u> UR	
Deck to Girder Bolts	E G F P <u>(N/A)</u> UR	
Concrete Deck	E G F P <u>(N/A)</u> UR	
Grout Pockets	E G F P <u>(N/A)</u> UR	
Deck Joints	E G F P <u>(N/A)</u> UR	
Steel Deck Plate	E G F P <u>(N/A)</u> UR	
Gravel Surface	E G <u>(F)</u> P N/A UR	<u>NOT ENOUGH FILL</u>
Gravel Deck Depth	<u>0.4</u> metres or N/A	
Curb Rail/Blocks/Posts	E G <u>(F)</u> P UR	
Handrails/Walkouts	E G F P <u>(N/A)</u> UR	
Hardware	E G F P <u>(N/A)</u> UR	
Overall Deck Condition	E G <u>(F)</u> P UR	



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

GENERAL INFORMATION														
*Site #: CK-2007					*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													
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	CW	Y N	590				Rotten							
2	4	Y N	470	100			11 370 50							
3	4	Y N	470				12 450 30							
4	4	Y N	550	100			13 490 10							
5	4	Y N	400	50										
6	4	Y N	380	100			Gravel=0.4m							
7	4	Y N	340	50			Length=5.2m							
8	4	Y N	420	50										
9	4	Y N	430	70										
10	4	Y N	430	100										
Stream CHANNEL														
*Est. Present Water Level Depth ____ (m)			*Est. Present Water Level Depth ____ (m)			*Est. Present Water Level Depth ____ (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: LEFT ABUT. SLIGHTLY UNDERMINED														
REPAIRS: ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)														
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description											
1	H M L													
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											
	RIGHT TO LEFT		RIGHT ABUTMENT.											
	LEFT TO RIGHT		LEFT ABUTMENT											
	UPSTREAM		UNDERSIDE											
	DOWNSTREAM													
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): (P Eng 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) 2010-09-06	*Inspection Company Name Onsite Engineering LTD.	*Inspector's Name (print) Ali Sadehghi	Inspector's Signature											
Inspector's Comments														
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION														
Current Load Rating GWV (tonnes): (P Eng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd)												
5		2011/09/01												
Reviewer Company Name Onsite Engineering LTD	Reviewed by - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's Signature Aug Dohm	Date Reviewed (yyyy/mm/dd) 2010/11/15											
P Eng Reviewer's Comments Downrate to 5 tonnes. Please post.														



CK2007 Right to left



CK2007 Left to right



CK2007 From upstream



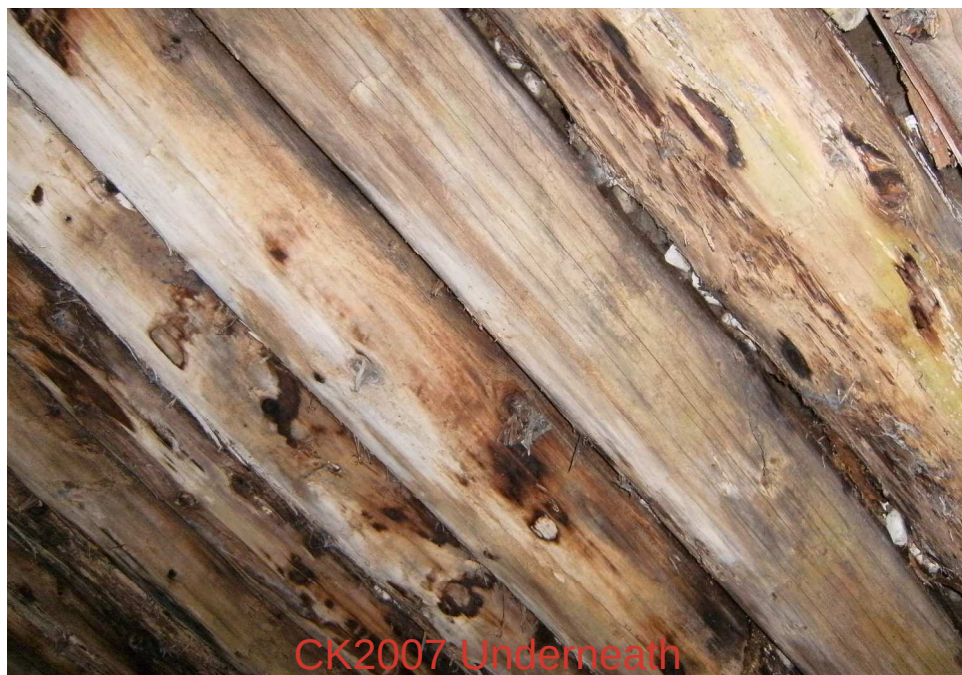
CK2007 From downstream



CK2007 Right abutment



CK2007 Left abutment



CK2007 Underneath