

DEACTIVATED

- ATV ACCESS ONLY.

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Aug 20BC Ministry of
Forests and Range

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

GENERAL	
*Structure #	*Site #: CK-2149
*Type/Class: ☐ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: Harrison - Wallian Ck.	Kilometres: 7.2
*Project File ID#: 6314	*Br. 08
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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Corporate Bridge Register (CBR)
Structure Inventory Data Form "BRIDGES"

STRUCTURAL DETAILS

Number of Spans: <u>1</u>	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] <u>10</u>	
Number of Piers: <u>—</u>	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): <u>10</u>	*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		
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*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): <u>2.0</u>
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*Running Surface: ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☒ Gravel ☐ Not Available ☐ Timber Planks
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*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
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Comments:

ROAD TO STRUCTURE IS HEAVILY CROSS DITCHED. THE STRUCTURE ITSELF CAN BE CONSIDERED AS THE FILL HAS WASHED AWAY & STRINGERS EXPOSED.

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

GENERAL INFORMATION				(enter either long/lat or UTM below - not both)			
*Site #: <u>CK-2149</u>	*Crossing Name:	*Type/Class: ☐ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# <u>6314</u>		*Br. <u>SL</u>		
*Structure #:	*Forest District: <u>ChilliWack</u>	*Kilometres: <u>7.2</u>	User km:				
*FSR Name: <u>Harrison Wallion</u>							
Longitude: (ddd / mm / ss.s) <u>49 27 12.0</u>	UTM Zone	UTM Easting	UTM Northing				
Latitude: (ddd / mm / ss.s) <u>121 54 39.4</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> P UR						
Bridge Ahead Signs Missing	0 1 <u>(2)</u>						
Brushing Required	<u>Yes</u> No						
Delineator Missing Left	0 1 <u>(2)</u>						
Delineator Missing Right	0 1 <u>(2)</u>						
Fender Condition	E G F P <u>(None)</u> UR						
Posted Load Rating	(tonnes) or None		<u>NOT POSTED</u>				
Road Surface	E G F <u>(P)</u> UR		<u>ROAD HAS BEEN HEAVILY RUTTED. NO MESSAGE w/ 4x4</u>				
LEFT/RIGHT ABUTMENTS (as seen facing downstream)							
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)				
* Log/Timber Crib	E G F <u>(P)</u> N/A UR		<u>RIGHT CRIB HAS A LARGE CRACK PERPENDICULAR TO THE LOAD. IT'S A 2x.</u>				
Tie-backs	E G F <u>(P)</u> N/A UR		<u>LEANING TOWARDS STREAM</u>				
Bin Wall	E G F P <u>(N/A)</u> UR		<u>LEFT 2x CRIB: HEAVILY SLOURED.</u>				
Concrete (cast in place; lock blocks, precast)	E G F P <u>(N/A)</u> UR						
Caps or Sills	E G F P <u>(N/A)</u> UR						
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 <u>(P)</u> N/A UR		<u>CRIB'S LASHING NOT FUNCTIONAL.</u>				
Fill	E G F <u>(P)</u> N/A UR		<u>DOWNSTREAM CORNERS & SURFACE HEAVILY SLOURED.</u>				
Riprap	E G F <u>(P)</u> N/A UR		<u>NO RIPRAP.</u>				
Bearings	E G F <u>(P)</u> N/A UR		<u>SEE CRIB NOTE</u>				
Corrosion Protection	E G F P <u>(N/A)</u> UR						
Span 1 of 1 (spans are numbered consecutively starting from the left abutment)							
See "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 F <u>(P)</u> N/A UR		<u>LEFT APPROACH STRINGERS EXPOSED</u>				
Gravel Deck Depth	<u>0.1</u> metres or N/A		<u>VERY LITTLE</u>				
Curb Rail/Blocks/Posts	E G F <u>(P)</u> UR		<u>NO CURB LOGS</u>				
Handrails/Walkouts	E G F P <u>(N/A)</u> UR						
Hardware	E G <u>(P)</u> P N/A UR		<u>STRINGERS MID SPAN LASHED.</u>				
Overall Deck Condition	E G F <u>(P)</u> UR						

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

GENERAL INFORMATION								
*Site #: <u>CE-1149</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 <u>P</u> UR		<u>Loggers</u>				
Needle Beams and Shims		E G F <u>P</u> <u>NR</u> 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					<u>THERE ARE 8 stringers but could not access stringers completely outside stringer is cracked w/ large boulder sticking out.</u>	
2		Y N						
3		Y N						
4		Y N						
5		Y N						
6		Y N						
7		Y N						
8		Y N						
9		Y N						
10		Y N						
Stream CHANNEL								
*Est. Present Water Level Depth <u>0.5</u> (m)		*Est. Present Water Level Depth <u>0.5</u> (m)		*Est. Present Water Level Depth <u>1.0</u> (m)				
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								
REPAIRS: ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)								
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description					
1	<u>H</u> M L		<u>REPLACE STRUCTURE</u>					
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					
	<u>RIGHT TO LEFT</u>		<u>DOWN STREAM</u>					
	<u>HEADSIDE X 5</u>		<u>RIGHT ABUT. X 3</u>					
	<u>LEFT TO RIGHT</u>		<u>UPSTREAM</u>					
	<u>DOWN STREAM</u>		<u>SPRINGS</u>					
INSPECTOR TO COMPLETE THIS SECTION								
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes <u>No</u>		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 CER as necessary).				
*Date of Inspection (yyyy/mm/dd) <u>2010-08-20</u>		*Inspection Company Name <u>Onsite Engineering LTD.</u>		*Inspector's Name (print) <u>Ali Sadebghi</u>		Inspector's Signature <u>[Signature]</u>		
Inspector's Comments <u>THE STRUCTURE IS NOT SAFE TO ACCESS w/ 4x4 VEHICLE</u>								
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION								
Current Load Rating GVW (tonnes): (P Eng to update structure details screen in CER as necessary)				Date of Next Planned Inspection (yyyy/mm/dd) <u>2011/09/01</u>				
Reviewer Company Name <u>Onsite Engineering LTD</u>		Reviewed by - P Eng's Name (print) <u>G. Dohm</u>		Reviewed <u>[Signature]</u>		Date Reviewed (yyyy/mm/dd) <u>2010/10/29</u>		
P Eng Reviewer's Comments <u>Close bridge by barricades or remove bridge.</u>								



CK2149 Right to left



CK2149 Heavy surface scour



CK2149 Heavy surface scour 2



CK2149 Heavy surface scour 3



CK2149 Heavy surface scour 4



CK2149 Heavy surface scour 5



CK2149 Left abutment



CK2149 From downstream



CK2149 Left abutment 2



CK2149broken stringer



CK2149crib scour



CK2149 Fill slope scour



CK2149 Right abutment



CK2149 Right abutment 2



CK2149 From upstream