

ACTIVE



BC Ministry of
Forests and Range

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

GENERAL	
*Structure #	*Site #: CK-2172
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: LOST CRK FSR	Kilometres: 18.8
*Project File ID#: 8466	*Br. 01
Built For: ☐ BC Timber Sales ☐ Operations Division ☐ Other Commercial Users ☐ Road Permit Holder ☐ Road Use Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: From Oil & Gas/ ☐ Inherited: Non-Status Road Other Ministry ☐ Inherited: Reallocation ☐ Inherited: Transfers from ☐ New Structure Other Ministries ☐ Replacement Structure	
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

CK 2172

INACTIVE

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Bridge Register

Structure Inventory Data Form

BRIDGES

STRUCTURAL DETAILS

Number of Spans:

Needle Beams?

☐ Yes☒ NoLength of Spans (m)
[e.g. for a 3-span bridge
- 20, 35, 20] —

Portable Structure?

☐ Yes☒ NoPortable Superstructure
Status:☐ Installed☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):

6.5 m

*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):

9.0

*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:

INLET IS 100% PLUGGED WITH LOGS + DEBK. FILL SLOPE

ON RIGHT ABUTMENT BEING SLOWED DUE TO FIRM UNDERPINNING STRUCTURE



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

GENERAL INFORMATION				(enter either longlat or UTM - not both)		
Site # <u>CK2172</u>		Structure #				
FSR Name <u>LOST CREEK FSR</u>		User km <u>18.8</u>	Project File ID <u>B466</u>		Branch <u>01</u>	
Longitude: (ddd / mm / ss.s) <u>49 23 40.1</u>		OR		UTM Zone		UTM Easting
Latitude: (ddd / mm / ss.s) <u>122 14 28.2</u>						UTM Northing
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 <u>(P)</u>	TIGHT HUE CURVE w/ LIMITED VISIBLTY!				
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 <u>(None)</u>					
Posted Load Rating (tonnes)		NOT POSTED				
Road Surface	E G <u>(F)</u> P					
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	SINGLE SILL, LEFT ABUT. BEING UNDERMINED				
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 <u>(P)</u>	SINGLE SILLS				
Piles or Posts	E G F P <u>(N/A)</u>					
Ballast Wall	E G <u>(F)</u> P					
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 <u>(P)</u> P					
Riprap	E G F <u>(P)</u> N/A	LEFT ABUT. BEING UNDERMINED				
Bearings	E G <u>(F)</u> P					
Corrosion Protection	E G F P <u>(N/A)</u>					
Span 1 of <u>1</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 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 <u>(F)</u> P <u>(N/A)</u>					
Curb Rail/Blocks/Posts	E G F <u>(P)</u>	NO RAILS INSTALLED, NO CURB RAILS				
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					

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

GENERAL INFORMATION							
Site # <u>OK 2172</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		Y N					
2		Y N					
3		Y N					
4		Y N					
5		Y N					
6		Y N					
7		Y N					
8	CW	Y N					
9	CW	Y N					
10	CW	Y N					

ONLY THE 3 STRINGERS FROM D/S COULD BE ASSESSED VERY LOW CLEARANCE DUE TO DEER JAM

CHANNEL			
Est. Present Water Level Depth (m)	Est. Present Water Level Width (m)	Est. High Water Level Clearance (m)	

HAZARDS (circle yes or no for each item)							
High Water?	Yes No	Scour?	Yes No	Ice?	Yes No	Debris?	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No

Comments: STRUCTURE FULLY PLUGGED W/ DEBRIS

REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M L		CLEAN INLET IMMEDIATELY.
2	H M L		REPLACE STRUCTURE W/ INDUSTRIAL ACTIVITY.
3	H M L		

ITEMS TO MONITOR	
#	Description
1	
2	

PHOTO LOG			
Photo #	Description	Photo #	Description
	LEFT TO RIGHT		LEFT ABUT
	FROM UPSTREAM		RIGHT ABUT
	DEBRIS JAM		FROM DOWNSTREAM
	RIGHT TO LEFT		

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>2010-08-10</u>
Inspection Company Name <u>Onsite Engineering Ltd.</u>	Inspector's Name (print) <u>ALI SIDDIQUI</u>	Inspector's Signature <u>[Signature]</u>
Comments <u>REPLACE STRUCTURE.</u>		

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION		
Current Load Rating GVW (tonnes): <u>20</u>	Date of Next Inspection <u>2011/09/01</u>	
Reviewer Company Name <u>MNRO</u>	Reviewed by - P Eng's Name (print) <u>G. Dohm</u>	Date Reviewed (yyyy/mm/dd) <u>2010/11/30</u>
Comments <u>Stringer rot observed. Based on previous as-built information for stringer sizes downrate to 20 tonnes.</u>		



CK2172 From upstream 1



CK2172 Left to right



CK2172 From upstream 2



CK2172 From upstream



CK2172 From downstream1



CK2172 Right to left



CK2172 Underneath



CK2172 From downstream



CK2172 Left abutment



CK2172 Right abutment