

ACTIVE

BC Ministry of
Forests and Range

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

GENERAL	
*Structure #	*Site #: CK-2169
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: LOST CKIC FR	Kilometres: 14.6
*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): <small>(PEng to enter / update this value on structure details screen in CBR)</small>	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small>
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): <small>(PEng to review and evaluate Inspector's estimate, and to enter /update this value on structure details screen in CBR).</small>
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

CK-2169

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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] 23.9

Portable Structure?

☐ Yes☒ NoPortable Superstructure
Status:☐ Installed☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):

23.9

*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):

4.6

*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:

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

GENERAL INFORMATION				(enter either longlat or UTM - not both)		
Site # <u>CK-2169</u>		Structure #				
FSR Name <u>LOST CRK FSR</u>		User km <u>1460</u>	Project File ID <u>8466</u>	Branch <u>01</u>		
Longitude: (ddd / mm / ss.s) <u>49 22 52.3</u>		OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>122 12 21.3</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					
Bridge Ahead Signs Missing	0 1 <u>(2)</u>					
Brushing Required	<u>(Yes)</u> No					
Delineator Missing Left	0 <u>(1)</u> 2	THE LEFT APPROACH HAS NO DELINEATORS				
Delineator Missing Right	0 <u>(1)</u> 2					
Fender Condition	E G <u>(F)</u> P/NONE	OLD LOGS				
Posted Load Rating (tonnes)	—	NOT POSTED				
Road Surface	E G F <u>(P)</u>	V-LARGE POTHOLES ON APPROACHES				
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 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 <u>(G)</u> F P	PRECAST CONCRETE CAPS				
Piles or Posts	E <u>(G)</u> F P <u>(N/A)</u>	PIPE RISE ON SPREAD FOOTING.				
Ballast Wall	E G F P —	NO BALLAST WALL				
Wing Wall	E G F P <u>(N/A)</u>					
Bracing	E G F P <u>(N/A)</u>					
Hardware	E <u>(G)</u> F P <u>(N/A)</u>					
Fill	E <u>(G)</u> F P					
Riprap	E G <u>(F)</u> P <u>(N/A)</u>					
Bearings	E <u>(G)</u> F P	RUBBER PADS				
Corrosion Protection	E G <u>(F)</u> 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 <u>(F)</u> P	POTHOLES AT APPROACHES WILL CAUSE MECHANICAL DAMAGE TO SLABS.				
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 <u>(F)</u> 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 P <u>(N/A)</u>					
Curb Rail/Blocks/Posts	E G F <u>(P)</u>	REPLACE ROTTEN TIMBER RAIL.				
Handrails/Walkouts	E G F P <u>(N/A)</u>					
Hardware	E <u>(G)</u> F P <u>(N/A)</u>					
Overall Deck Condition	E G <u>(F)</u> P					

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

GENERAL INFORMATION			
Site # <u>CK-2169</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G <u>(F)</u> P	CONCRETE SLABS x 4	
Diaphragms	E G F P <u>(N/A)</u>		
Bracing	E G F P <u>(N/A)</u>		
Under-trussing	E G F P <u>(N/A)</u>		
Hardware	E G F P <u>(N/A)</u>		
Cracks/Checks in Glulam Girders	E G F P <u>(N/A)</u>		
Concrete	E G <u>(F)</u> P N/A		
Shear Connectors	E G <u>(F)</u> P N/A	SOME RUST.	
Grout Pockets	E G F P <u>(N/A)</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.4</u>		Est. Present Water Level Width (m) <u>5</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			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	<u>(H)</u> M L		IF FUR BEING USED FOR INDUSTRIAL ACTIVITY, REPLACE RAILS IMMEDIATELY.
2	<u>(H)</u> M L		POT HOLES NEED TO BE GRADED ON APPROACHES, ELSE DAMAGE TO SLABS.
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	RIGHT TO LEFT		FIRM UP STREAM
	RIGHT ABOUT		LEFT TO RIGHT
	FROM DOWN STREAM		PIT HOLES x 2
	LEFT ABOUTMENT		ROTTEN RAIL
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) 2010-08-10
Inspection Company Name OnSite Engineering Ltd.		Inspector's Name (print) ALI SADEGH	Inspector's Signature
Comments			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GWV (tonnes): <u>54</u>		Date of Next Inspection 2013/09/01	
Reviewer Company Name MNRO	Reviewed by - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's Signature 	Date Reviewed (yyyy/mm/dd) 2010/11/30
Comments Recommended that curbs be repaired/replaced			



CK2169 Right abutment



CK2169 Right to left



CK2169 Left abutment



CK2169 From downstream



