



BC Ministry of
Forests and Range

Page 1 of 2

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

GENERAL	
*Structure #	*Site #: <u>CK-2171</u>
*Type/Class: ☐ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: <u>Chilliwack</u>	Management Area:
*Forest Service Road:	Kilometres:
*Project File ID#: <u>8013</u>	*Br. <u>01</u>
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-2171

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Page 2 of 2

Bridge Register Structure Inventory Data Form BRIDGES

STRUCTURAL DETAILS

Number of Spans:

1

Needle Beams?

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

15.5 o/a

Portable Structure?

☐ Yes☒ NoPortable Superstructure
Status:☐ Installed☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):

16.3

*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):

*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:

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

GENERAL INFORMATION				(enter either long/lat or UTM - not both)			
Site #	CK 274			Structure #			
FSR Name	LOST CRK FSR			User km	17.8	Project File ID	8013
Longitude: (ddd / mm / ss.s)	49 23 33.0			OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s)	122 14 36.8						
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) P			TIGHT HORIZONTAL CURVES			
Bridge Ahead Signs Missing	0 1 2						
Brushing Required	Yes No						
Delineator Missing Left	0 1 2						
Delineator Missing Right	0 1 2						
Fender Condition	E (G) F P None			NO POST BUFFERS			
Posted Load Rating (tonnes)	-			NOT POSTED			
Road Surface	E G (F) P			SMALL POTHoles APPROACHES			
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 (N/A)						
Tie-backs	E G F P (N/A)						
Bin Wall	E G F P (N/A)						
Precast Concrete	E G F P (N/A)						
Caps or Sills	E G F P -			RUBBER PADS			
Piles or Posts	E G (F) P N/A			PIPE RISERS ON SPREAD FOOT			
Ballast Wall	(E) G F P			2' (2ND) NEW BALLAST WALL - TIMBER TREATED			
Wing Wall	E G F P (N/A)						
Bracing	E (G) F P N/A						
Hardware	E (G) F P N/A						
Fill	E G (F) P			SMALL RUBBER PADS			
Riprap	E (G) F P N/A			WALL KEYED IN			
Bearings	E (G) F P			RUBBER PADS			
Corrosion Protection	E G (F) P N/A			PIPES SHOWING RUST			
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	E (G) F P						
Running Planks	E (G) F P N/A			3" X 30" STAINED PLANKS			
Sub-deck	E G (F) P N/A			4" DEEP PLANKS			
Ties	E G (F) P N/A			200 X 250mm UNTREATED ED			
Nails	E (G) F P N/A						
Deck to Girder Bolts	E (G) F P N/A						
Concrete Deck	E G F P (N/A)						
Grout Pockets	E G F P N/A						
Deck Joints	E G F P N/A						
Anti-skid Surface	E G F P N/A						
Gravel Surface	E G F P N/A						
Curb Rail/Blocks/Posts	E G (F) P			SLIGHTLY RASPY			
Handrails/Walkouts	E G F P (N/A)						
Hardware	E G (F) P N/A						
Overall Deck Condition	E G (F) P						

L.O.A.D.
↓
2500
X 2500

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

GENERAL INFORMATION			
Site # <u>CK-2171</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition 'Poor' is selected)	
Girders	E G <u>F</u> P	2X STEEL LBEAMS	
Diaphragms	E G F P <u>N/A</u>		
Bracing	E <u>G</u> F P <u>N/A</u>		
Under-trussing	E G F P <u>N/A</u>		
Hardware	E <u>G</u> F P <u>N/A</u>		
Cracks/Checks in Glulam Girders	E G F P <u>N/A</u>		
Concrete	E G F P <u>N/A</u>		
Shear Connectors	E G F P <u>N/A</u>		
Grout Pockets	E G F P <u>N/A</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.3</u>		Est. Present Water Level Width (m) <u>50</u>	Est. High Water Level Clearance (m) <u>12</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	H M <u>L</u>		ROKEN RAILS.
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	ROTHERS ON APPROACHES.		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	LEFT TO RIGHT		LEFT ABUT
	RIGHT TO LEFT		FROM D/S.
	FROM D/S		
	RIGHT ABUT		
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 SAREGHI</u>	Inspector's Signature <u>[Signature]</u>
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GW (tonnes): <u>54</u>		Date of Next Inspection <u>2012/09/01</u>	
Reviewer Company Name <u>MNRO</u>	Reviewed by - PEng's Name (print) <u>G. Dohm</u>	Reviewed by - PEng's Signature <u>[Signature]</u>	Date Reviewed (yyyy/mm/dd) <u>2010/11/30</u>
Comments			



CK2171 Damage rail



CK2171 Left to right



CK2171 From downstream



CK2171 Right to left

