

ACTIVE

BC Ministry of
Forests and Range

Page 1 of 2

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

GENERAL	
*Structure #	*Site #: CK-2170
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: LOS 7 CCK FSR	Kilometres: 17.1
*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-2170

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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]

23.7

Portable Structure?

☐ Yes☒ NoPortable Superstructure
Status:☐ Installed☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):

24.4

*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 ³/₄

*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 long/lat or UTM - not both)		
Site #	CK-2170	Structure #		
FSR Name	LOST CRK FSR	User km	17.1	Project File ID 8466
Longitude: (ddd / mm / ss.s)	49 23 42.7	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s)	122 13 47.1			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) P	STEEP VERTICAL CURVE		
Bridge Ahead Signs Missing	0 1 (2)			
Brushing Required	(Yes) No	MINOR BRUSHING		
Delineator Missing Left	(0) 1 2	CONSIDER INSTALLING LATER - REFLECTIVE DELINE.		
Delineator Missing Right	(0) 1 2			
Fender Condition	E G F P (None)			
Posted Load Rating (tonnes)		NOT POSTED		
Road Surface	E G F (P)	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 (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 (N/A)			
Piles or Posts	E G F P (N/A)	PILE RISERS ON SPREAD FOOTING		
Ballast Wall	E (G) F P	PRECAST CONCRETE		
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	SOME POTHoles		
Riprap	E (G) F P (N/A)	FEDBACK CONTROLLED CHANNEL		
Bearings	E (G) F P	RUBBER PADS		
Corrosion Protection	E G (F) P (N/A)			
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)			
Sub-deck	E G F P (N/A)			
Ties	E G F P (N/A)			
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)	CONCRETE IMPOS. DECK x F		
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)	ROTTEN TIMBER RAIL		
Handrails/Walkouts	E G F P (N/A)			
Hardware	E G (F) P (N/A)			
Overall Deck Condition	E G (F) P	POOR TIMBER RAILS		

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

GENERAL INFORMATION			
Site # <u>CK-2170</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition 'Poor' is selected)	
Girders	E (G) F P	2x STEEL - I BEAM	
Diaphragms	E G F P (N/A)		
Bracing	E (G) F P (N/A)		
Under-trussing	E G F P (N/A)		
Hardware	E (G) F P (N/A)		
Cracks/Checks in Glulam Girders	E G F P (N/A)		
Concrete	E G F P (N/A)		
Shear Connectors	E G F P (N/A)		
Grout Pockets	E G F P (N/A)		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.5</u>		Est. Present Water Level Width (m) <u>50</u>	Est. High Water Level Clearance (m) <u>2.8</u>
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			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	(H) M L		REPLACE RAILS w/ INCREASE INDUSTRIAL USE
2	H (M) L		GRADE APPROACHES
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	LEFT TO RIGHT		LEFT ABUT
	ROTTEN RAILS x2		FROM DOWN STREAM
	FROM UPSTREAM		DELVEATOR
	RIGHT ABUT		
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes (No)		P Eng Inspection Required? Yes (No)	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 SADEGH</u>	Inspector's Signature <u>[Signature]</u>	
Comments <u>0</u>			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>54</u>		Date of Next Inspection <u>2013/09/01</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 <u>Recommended that curbs be repaired/replaced</u>			



CK2170 Damage rail



CK2170 Left to right



CK2170 From upstream



CK2170 Rotten rail



CK2170 From downstream



CK2170 Right abutment



CK2170 Right to left



CK2170 Left abutment



CK2170 Delineator