



BC Ministry of
Forests and Range

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

GENERAL	
*Structure #	*Site #: CLK - 2330
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: LOST BLACK LOCK	Kilometres: 1.3
*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-2330

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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]

14.3

Portable Structure?

☐ Yes☐ NoPortable Superstructure
Status:☐ Installed☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):

14.3

*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):

4.3

*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			
Site # <u>K-2330</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E (G) F P	CONCRETE SLAB GIRDERS X15	
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>1</u>		Est. Present Water Level Width (m) <u>1</u>	Est. High Water Level Clearance (m) <u>05</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 <u>ACTIVE CHANNEL WITH LARGE AMOUNT OF BEDROCK</u>			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	(H) M L		INSTALL DELINEATOR
2	H M (L)		CLEAN DEBRIS OFF DECK.
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	LEFT TO RIGHT		RIGHT ABUT.
	RIGHT TO LEFT		LEFT ABUT.
	FROM US		
	FROM DOWNSTREAM		
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes (No)	P Eng Inspection Required? Yes (No)	Date of Inspection (yyyy/mm/dd) <u>2016-08-10</u>	
Inspection Company Name <u>Orsite Engineering Ltd</u>	Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature 	
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GW (tonnes): <u>68</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 	Date Reviewed (yyyy/mm/dd) <u>2010/12/09</u>
Comments			

EVIDENCE OF
BEDROCK MOVEMENT
ACROSS LOCATION

**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-2330			Structure #					
FSR Name	LOST-BLACK LOCK			User km	1.3	Project File ID	8466	Branch	11
Longitude: (ddd / mm / ss.s)	49 24 11.0			OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)	122 12 59.4								
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								
Bridge Ahead Signs Missing	0 1 (2)								
Brushing Required	(Yes) No								
Delinestor Missing Left	0 1 (2)								
Delinestor Missing Right	0 (1) 2								
Fender Condition	E (G) F P None			NO POST. BARRIERS.					
Posted Load Rating (tonnes)	-			NOT POSTED					
Road Surface	E G (F) P			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			PRECAST CONCR. CAPS + BALLAST WALL COMBO					
Caps or Sills	E (G) F P								
Piles or Posts	E G F P (N/A)			NOT VIS.					
Ballast Wall	E (G) F P								
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								
Riprap	E (G) F P N/A								
Bearings	E (G) F P								
Corrosion Protection	E G F P (N/A)								
Span 1 of ____ (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			DEBRIS SCATTERED ACROSS DECK.					
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			5 X CONCR. SLAB GIRDERS.					
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			OLD TIMBER RAIL.					
Handrails/Walkouts	E G F P (N/A)								
Hardware	E (G) F P N/A								
Overall Deck Condition	E G (F) P								



CK2330 From upstream



CK2330 Left to right



CK2330 Right abutment



CK2330 Right to left



CK2330 Left abutment



CK2330 From downstream