



BC Ministry of
Forests and Range

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

GENERAL

*Structure #	*Site #: CK2297
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: UZTLIUS CRK.	Kilometres: 25.9
*Project File ID#: 7972	*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



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STRUCTURAL DETAILS

Number of Spans: 1	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] 4.3	
Number of Piers:	Pier Type: ☐ Concrete ☐ Crib - Timber ☐ Piles - Concrete ☐ Piles - Steel ☐ Piles - Timber Treated ☐ Piles - Timber Untreated ☐ Steel Column on Concrete Pad	
Needle Beams? ☐ Yes ☒ No	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☒ Installed ☐ Storage

Portable Superstructure Storage Location:

*Bridge Length (metres): 4.3	*Superstructure: ☐ Compo Girders ☐ Concrete Box Beam ☐ Rail Car ☐ Concrete Cast in Place ☐ Concrete I/T Beam ☐ Other ☐ Concrete Slab Girders ☐ Glulam Girder ☒ Log Stringer ☐ Steel Box Beam ☐ Steel I-Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Treated Stringers ☐ Timber-Untreated Stringers		
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*Deck Type: ☐ Concrete ☐ Concrete Composite ☒ Gravel ☐ Concrete Removable ☐ Concrete - Steel Free ☐ Steel ☐ Timber-Treated ☐ Timber-Untreated ☐ Other ☐ Timber-Treated Panels ☐ Timber-Untreated Panels	*Deck Width (metres): 6.7
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*Running Surface: ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☒ Gravel ☐ Not Available ☐ Timber Planks
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*Left Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☒ Crib, Log or Untreated Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pad	*Right Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☒ Crib, Log or Untreated Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pad
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Comments:

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

GENERAL INFORMATION		(enter either long/lat or UTM below – not both)	
*Site #: CK-2297	*Crossing Name:	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# 1972
*Structure #:		*Br. 21	
*FSR Name: UETLWS CRK	*Forest District: ChilliWack	*Kilometres: 25.9	User km:
Longitude: (ddd / mm / ss.s) 49 50 38.2	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 121 17 12.4			
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unrated			
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)	
Alignment	E (G) F P UR		
Bridge Ahead Signs Missing	0 1 (2)		
Brushing Required	Yes (No)		
Delinicator Missing Left	(0) 1 2		
Delinicator Missing Right	0 (1) 2		
Fender Condition	E G F P (None) UR		
Posted Load Rating	(tonnes) or None	NOT POSTED	
Road Surface	E G (F) P UR		
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 (P) P N/A UR	2X CLOSED FACED FD CRIB N/150 mm OF SAP ROT	
Tie-backs	E G (P) P N/A UR	3X TIEBACKS	
Bin Wall	E G F P (N/A) UR		
Concrete (cast in place, lock blocks, precast)	E G F P (N/A) UR		
Caps or Sills	E G F P (N/A) UR		
Piles or Posts	E G F P (N/A) UR		
Ballast Wall	E G F P (N/A) UR		
Wing Wall	E G F P (N/A) UR		
Bracing	E G F P (N/A) UR		
Hardware	E G (F) P N/A UR	LASHED P GUS. LOOSE NOT EFFECTIVE	
Fill	E G F P N/A UR		
Riprap	E G F P (N/A) UR		
Bearings	E G (F) P N/A UR		
Corrosion Protection	E G F P (N/A) UR		
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 (N/A if running surface is gravel or timber planks)	E G F P (N/A) UR		
Running Planks	E G F P N/A UR		
Sub-deck	E G F P N/A UR		
Ties	E G F P N/A UR		
Nails	E G F P N/A UR		
Deck to Girder Bolts	E G F P N/A UR		
Concrete Deck	E G F P N/A UR		
Grout Pockets	E G F P N/A UR		
Deck Joints	E G F P N/A UR		
Steel Deck Plate	E G F P N/A UR		
Gravel Surface	E G (F) P N/A UR		
Gravel Deck Depth	0.50 metres or N/A		
Curb Rail/Blocks/Posts	E G (F) P UR	OLD LOGS ⇒ NOT LASHED TO STRUCTURE	
Handrails/Walkouts	E G F P (N/A) UR		
Hardware	E G (F) P N/A UR	STRINGERS LASHED BUT LOOSE & NOT EFFECTIVE	
Overall Deck Condition	E G (F) P UR		

**Routine Condition Bridge Inspection Form**
(for log stringer or timber stringer bridges)**GENERAL INFORMATION***Site #: CK-2297

*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	UR	
Needle Beams and Shims		E	G	F	P	N/A	UR
Stringer #	Wood 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	CW	Y (N)	550	100			L=4.3m Gravel-0.5m
2	W	Y (N)	550	20			
3	W	Y (N)	440	70			
4	W	Y (N)	400	30			
5	A	Y (N)	506	20			
6	W	Y (N)	680	20			
7	W	Y (N)	660	10			
8	W	Y (N)	650	10			
9	W	Y (N)	740	10			
10	W	Y (N)	500	10			

Stream CHANNEL*Est. Present Water Level Depth 0.2 (m) *Est. Present Water Level Depth 4.0 (m) *Est. Present Water Level Depth 1.2 (m)**HAZARDS (circle yes or no for each item)**High Water? Yes No Scour? Yes No Ice? Yes No Debris? Yes No Aggradation? Yes NoComments CRIB SLIGHTLY UNDERMINED**REPAIRS:** ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)

Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	<u>H</u> M L		POST LOAD LIMIT
2	H M L		
3	H M L		

***Monitoring Status:** ☐ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	
2	

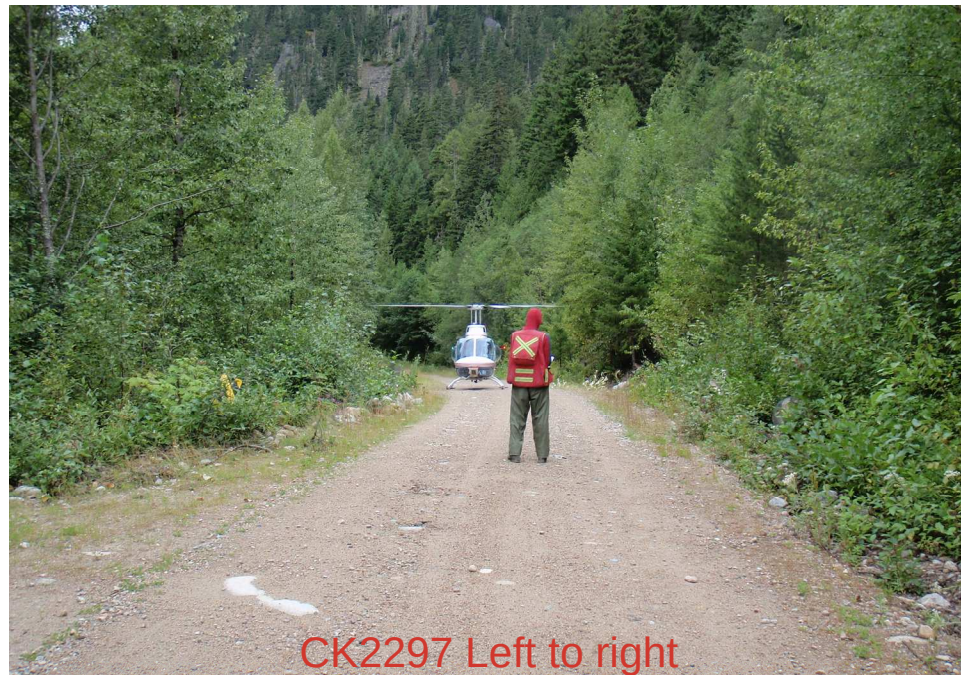
PHOTO LOG

Photo #	Description	Photo #	Description
	RIGHT TO LEFT		RIGHT ABUT
	LEFT TO RIGHT		LEFT ABUT
	UPSTREAM		UNDERNEATH
	DOWNSTREAM		

INSPECTOR TO COMPLETE THIS SECTIONAs-built Drawings Checked? Yes No P Eng Inspection Required? Yes No Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):
(P Eng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement year" on structure details screen in CBR as necessary).*Date of Inspection (yyyy/mm/dd) 2010-09-06 *Inspection Company Name Onsite Engineering LTD. *Inspector's Name (print) Ali Sadehghi Inspector's Signature **Inspector's Comments**POST LOAD LIMIT ON STRUCTURE BASED ON CURRENT LEVEL OF ROT. NOT**PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION**Current Load Rating GWV (tonnes): 20 Date of Next Planned Inspection (yyyy/mm/dd) NAReviewer Company Name Onsite Engineering LTD Reviewed by - P Eng's Name (print) G. Dohm Reviewer Signature Date Reviewed (yyyy/mm/dd) 2010/12/08P Eng Reviewer's Comment Remove from CBR as this is less than 6m long.



CK2297 Right to left



CK2297 Left to right



CK2297 From upstream



CK2297 Right abutment



CK2297 From downstream



CK2297 Left abutment



CK2297 Underneath