



BC Ministry of
Forests and Range

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

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GENERAL

*Structure #	*Site #: CK 2300
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: 0710105 CRK	Kilometres: 30.8
*Project File ID#: 7972	*Br. 01
Built For: ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder	☐ Operations Division ☐ Road Permit Holder
*Source: ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☐ New Structure ☐ Replacement Structure	☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries
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

CK2300

Number of Spans: 1	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] 11.8	
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): 12.2	*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		
*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): 4.0

*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:
STEEL I-BEAM STRUCTURE OVER SPARKING OLD CRIB + LOG STRINGER
STRUCTURE

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

GENERAL INFORMATION				(enter either long/lat or UTM below – not both)			
*Site #: <u>CV 230D</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>7972</u>		*Br. <u>01</u>		
*Structure #:							
*FSR Name: <u>UZILOS CRK</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>30.8</u>	User km:				
Longitude: (ddd / mm / ss.s) <u>49 51 15.8</u>	<u>OR</u>	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>121 13 44.8</u>							
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 <u>(P)</u> UR		<u>POOR V/S DUE TO HORR CURVE</u>				
Bridge Ahead Signs Missing	0 1 <u>(2)</u>						
Brushing Required	Yes <u>(No)</u>						
Delineator Missing Left	<u>(0)</u> 1 2						
Delineator Missing Right	0 <u>(1)</u> 2						
Fender Condition	E G F P <u>(None)</u> UR		<u>INSTALL FENDERS</u>				
Posted Load Rating	<u>(tonnes)</u> or <u>(None)</u>		<u>NOT POSTED</u>				
Road Surface	E G <u>(F)</u> 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 Crib	E G F <u>(P)</u> N/A UR		<u>4X CLOSED FACE CRIB RETAINING</u>				
Tie-backs	E G F <u>(P)</u> N/A UR		<u>3X</u>				
Bin Wall	E G F P <u>(N/A)</u> UR						
Concrete (cast in place; lock blocks, precast)	E G F P <u>(N/A)</u> UR						
Caps or Sills	E G <u>(F)</u> P N/A UR						
Piles or Posts	E G F P <u>(N/A)</u> UR						
Ballast Wall	E G <u>(F)</u> P N/A UR		<u>LOGS</u>				
Wing Wall	E G F P <u>(N/A)</u> UR						
Bracing	E G F P <u>(N/A)</u> UR						
Hardware	E G <u>(F)</u> P N/A UR						
Fill	E G <u>(F)</u> P N/A UR						
Riprap	E G F P <u>(N/A)</u> UR						
Bearings	E G <u>(F)</u> P N/A UR						
Corrosion Protection	E G F P <u>(N/A)</u> UR						
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 (p/a if running surface is gravel or timber planks)	E G F P <u>(N/A)</u> UR						
Running Planks	E G <u>(F)</u> P N/A UR		<u>4" TIMBER DECK. DOWNSTREAM</u>				
Sub-deck	E G F P <u>(N/A)</u> UR		<u>RIGHT ABUTMENT IS LOOSE.</u>				
Ties	E G <u>(F)</u> P N/A UR		<u>8" x 10" TIMBER. W/ 400mm C-C SPACING</u>				
Nails	E G F P <u>(N/A)</u> UR		<u>NOT VISIBLE DUE TO DEBRIS ON DECK</u>				
Deck to Girder Bolts	E G F P <u>(N/A)</u> UR						
Concrete Deck	E G F P <u>(N/A)</u> UR						
Grout Pockets	E G F P <u>(N/A)</u> UR						
Deck Joints	E G F P <u>(N/A)</u> UR						
Steel Deck Plate	E G F P <u>(N/A)</u> UR						
Gravel Surface	E G F P <u>(N/A)</u> UR						
Gravel Deck Depth	<u>(metres or N/A)</u>						
Curb Rail/Blocks/Posts	E G F <u>(P)</u> UR		<u>RAIL DAMAGED DUE TO MECHANICAL IMPACT</u>				
Handrails/Walkouts	E G F P <u>(N/A)</u> UR						
Hardware	E G <u>(F)</u> P N/A UR						
Overall Deck Condition	E G <u>(F)</u> P UR						

CRIB NOT
LOAD BEARING.FILL IN
FRONT OF NEW
SILLS. CRIB POTTED
& LEFT CRIB, DOWN-
STREAM IS BEING
UNDERMINED.RIGHT ABUTMENT
IS LOOSE.8" x 10" TIMBER. W/ 400mm C-C SPACING
NOT VISIBLE DUE TO DEBRIS ON DECK.

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

GENERAL INFORMATION			
*Site #: CK - 2300		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G P UR	2 X STEEL I-BEAMS L-75	
Diaphragms	E G F P N/A UR		
Bracing	E G F P N/A UR		
Under-trussing	E G F P N/A UR	NOT VISIBLE DUE TO STRINGERS	
Hardware	E G F P N/A UR		
Welded / Grouded Shear Connectors	E G F P N/A UR		
Stream CHANNEL			
*Est. Present Water Level Depth 0.2 (m)		*Est. Present Water Level Depth 1.5 (m)	*Est. Present Water Level Depth 3.1 (m)
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: ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)			
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H M L		INSTALL FENDER LOGS
2	H M L		REPAIR RAILS.
3	H M L		
*Monitoring Status: ☐ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1	MONITOR LEFT CRIB SCOUR.		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	RIGHT TO LEFT		DOWNSTREAM
	LEFT TO RIGHT		RIGHT ABUT.
	MISSING RAIL DIS RIGHT		LEFT ABUT.
	UPSTREAM		UNDERNEATH
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked?	P Eng Inspection Required?	Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):	
Yes No	Yes No	(P Eng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)	
*Date of Inspection (yyyy/mm/dd)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2010-09-06	Onsite Engineering Ltd	Ali Sadeghi	
Inspector's Comments			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GW (tonnes):		Date of Next Planned Inspection (yyyy/mm/dd)	
68		2012/09/01	
Reviewer Company Name	Reviewed by - P Eng's Name (print)	Reviewed by - P Eng's Sig	Date Reviewed (yyyy/mm/dd)
Onsite Engineering LTD	G. Dohm		2010/12/08
P Eng Reviewer's Comments			
Repair curb rail immediately.			

* Denotes Mandatory Information for Corporate Bridge Register

Plan to replace deck within two years to maintain load rating.



CK2300 Right to left



CK2300 Left to right



CK2300 From upstream



CK2300 From downstream



CK2300 Right abutment



CK2300 Left abutment

