



ACTIVE

BC Ministry of
Forests and Range

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

GENERAL

*Structure #	*Site #: CK 2288
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: UZTL105	Kilometres: 6.4
*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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Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

CK2288

STRUCTURAL DETAILS			
Number of Spans: 1		Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]	
Number of Piers: 1		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): 4.9	*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): 7.1
*Running Surface: ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☒ Gravel ☐ Not Available ☐ Timber Planks			
*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	
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 #: <u>CL-2288</u>	*Crossing Name:	*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# <u>7972</u>
*Structure #:			*Br. <u>01</u>
*FSR Name: <u>U2TLIUS</u>	*Forest District: <u>ChilliWack</u>	*Kilometres: <u>6.4</u>	User km:
Longitude: (ddd / mm / ss.s) <u>49 50 54.2</u>	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>121 22 39.9</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 <u>(P)</u> UR		
Bridge Ahead Signs Missing	0 1 <u>(2)</u>		
Brushing Required	Yes <u>(No)</u>		
Deflector Missing Left	0 1 <u>(2)</u>		
Deflector Missing Right	0 1 <u>(2)</u>		
Fender Condition	E G F P <u>(None)</u> UR		
Posted Load Rating	(tonnes) or None	<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 P <u>(N/A)</u> UR		
Tie-backs	E G F P <u>(N/A)</u> UR		
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 <u>(N/A)</u> UR	<u>LEFT SILL UNDETERMINED. ? CONCRETE FROM 1960s</u>	
Piles or Posts	E G F P <u>(N/A)</u> UR		
Ballast Wall	E G F P <u>(N/A)</u> UR		
Wing Wall	E G F P <u>(N/A)</u> UR		
Bracing	E G F P <u>(N/A)</u> UR		
Hardware	E G F P <u>(N/A)</u> UR		
Fill	E <u>(G)</u> F P <u>(N/A)</u> UR		
Riprap	E G F <u>(P)</u> <u>(N/A)</u> UR	<u>LITTLE RIPRAP</u>	
Bearings	E G <u>(P)</u> P <u>(N/A)</u> UR		
Corrosion Protection	E G F P <u>(N/A)</u> 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 <u>(N/A)</u> UR		
Running Planks	E G F P <u>(N/A)</u> UR		
Sub-deck	E G F P <u>(N/A)</u> UR		
Ties	E G F P <u>(N/A)</u> UR		
Nails	E G F P <u>(N/A)</u> UR		
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 <u>(G)</u> F P <u>(N/A)</u> UR		
Gravel Deck Depth	<u>1.5</u> metres or N/A	<u>LOTS OF FILL</u>	
Curb Rail/Blocks/Posts	E G <u>(F)</u> P UR		
Handrails/Walkouts	E G F P <u>(N/A)</u> UR		
Hardware	E G F P <u>(N/A)</u> UR		
Overall Deck Condition	E G <u>(F)</u> P UR		

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

GENERAL INFORMATION									
*Site #: <u>CLC-2288</u>					*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		
11 680	ROTTEN @ CORE								
12 730	ROTTEN @ CORE								
13 730	ROTTEN								
14 460	50								
15 430	50								
16 440	50								
17 390	ROTTEN								
18 440	ROTTEN								
19 390	ROTTEN								
1	EL	Y N	440						ROTTEN
2		Y N	480	100					
3		Y N	450	50					L=5m
4		Y N	520	50					Gravel=1.5m
5		Y N	630	50					
6		Y N	490	50					
7		Y N	620	20					
8		Y N	620	20					
9		Y N	730						ROTTEN @ CORE
10		Y N	610						" " "
Stream CHANNEL									
*Est. Present Water Level Depth <u>0.1</u> (m)			*Est. Present Water Level Depth <u>1.2</u> (m)			*Est. Present Water Level Depth <u>1.0</u> (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 <u>SILLS BADLY SCOUR</u>									
REPAIRS: ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)									
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description						
1	H M L								
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						
1	RIGHT TO LEFT	1	LEFT ABUT						
2	LEFT TO RIGHT	2	UNDER EARTH						
3	UPSTREAM	3	FROM DOWN STREAM						
4	RIGHT ABUT	4	SLOPE						
INSPECTOR TO COMPLETE THIS SECTION									
As-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) <u>2010-09-06</u>		*Inspection Company Name <u>Onsite Engineering LTD.</u>		*Inspector's Name (print) <u>Ali Sadehghi</u>					
Inspector's Comments <u>REPLACE STRUCTURE DUE TO INDUSTRIAL ACTIVITY.</u>		Inspector's Signature 							
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION									
Current Load Rating GVW (tonnes): (P Eng to update structure details screen in CBR as necessary)			Date of Next Planned Inspection (yyyy/mm/dd) <u>NA</u>						
Reviewer Company Name <u>Onsite Engineering LTD.</u>		Reviewed by - P Eng's Name (print) <u>G. Dohm</u>		Date Reviewed (yyyy/mm/dd) <u>2010/09/01</u>					
P Eng Reviewer's Comments <u>Recommend replacing this structure due</u>									

various stages of stringer rot.
No rating provided as this is not a bridge.



CK2288 Right to left



CK2288 Left to right



CK2288 From upstream



CK2288 Right abutment

