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OBSERVED

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BC Ministry of
Forests and Range

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

GENERAL

*Structure #	*Site #: CK 2304
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: UZTLIUS CRK	Kilometres: 6.6
*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"

STRUCTURAL DETAILS

Number of Spans: 1	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]	
Number of Piers: 0	Pier Type: ☐ Concrete ☐ Piles - Concrete ☐ Piles - Timber Treated ☐ Steel Column on Concrete Pad ☐ Crib - Timber ☐ Piles - Steel ☐ Piles - Timber Untreated	
Needle Beams? ☐ Yes ☒ No	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage

Portable Superstructure Storage Location:

*Bridge Length (metres): 16.5	*Superstructure: ☐ Compo Girders ☐ Concrete Cast in Place ☒ Concrete Slab Girders ☒ Log Stringer ☐ Steel I-Beam ☐ Timber-Treated Stringers ☐ Concrete Box Beam ☐ Concrete I/T Beam ☐ Glulam Girder ☐ Steel Box Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Untreated Stringers ☐ Rail Car ☐ Other		
*Deck Type: ☐ Concrete ☐ Concrete Removable ☐ Timber-Treated ☐ Timber-Treated Panels ☐ Concrete Composite ☐ Concrete - Steel Free ☐ Timber-Untreated ☒ Timber-Untreated Panels ☐ Gravel ☐ Steel ☐ Other		*Deck Width (metres): 3.5	

*Running Surface:

☐ Anti-Skid ☐ Not Available	☒ Asphalt ☒ Timber Planks	☐ Concrete	☐ Gravel
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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

Comments:

Located on Road Branch 02 NOT 01.

**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>CK-2304</u>	*Crossing Name:	*Type/Class: ☐ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# <u>7972</u>
*Structure #:		*Br. <u>01</u>	
*FSR Name: <u>CK-2304</u>	*Forest District: <u>ChilliWack</u>	*Kilometres: <u>6.6</u>	User km:
Longitude: (ddd / mm / ss.s) <u>49 45 02.5</u>	☒ OR ☐	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) <u>121 20 22.5</u>			UTM Northing
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>(F)</u> P UR		
Bridge Ahead Signs Missing	0 1 <u>(2)</u>		
Brushing Required	<u>(Yes)</u> No		
Delineator Missing Left	0 1 <u>(2)</u>		
Delineator Missing Right	0 1 <u>(2)</u>		
Fender Condition	E G F P <u>(None)</u> UR		
Posted Load Rating	(tonnes) 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>ROTTEN CRIB 3X CLOSED FACE. BADLY SCOURED.</u>	
Tie-backs	E G F <u>(P)</u> N/A UR	<u>3X ROTTEN.</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 F P <u>(N/A)</u> UR		
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 <u>(P)</u> N/A UR	<u>LOOSELY LASHED.</u>	
Fill	E G <u>(F)</u> P N/A UR		
Riprap	E G F <u>(P)</u> N/A UR	<u>LACK OF RIPRAP HAS CAUSED SCOUR.</u>	
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 (N/A if running surface is gravel or timber planks)	E G F P <u>(N/A)</u> UR		
Running Planks	E G F <u>(P)</u> N/A UR	<u>ROTTEN 4"X10" PLANKS</u>	
Sub-deck	E G F P <u>(N/A)</u> UR		
Ties	E G F <u>(P)</u> N/A UR	<u>TIMBER CROSS TIES ROTTEN (8"X8") @ 0.40m</u>	
Nails	E G F <u>(P)</u> N/A UR	<u>LOOSE.</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	(metres or <u>N/A</u>)		
Curb Rail/Blocks/Posts	E G <u>(F)</u> P UR	<u>OLD LOGS, LASHED AT THE ENDS TO</u>	
Handrails/Walkouts	E G F P <u>(N/A)</u> UR	<u>OUTSIDE STRINGERS</u>	
Hardware	E G <u>(F)</u> P N/A UR		
Overall Deck Condition	E G F <u>(P)</u> UR		

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

GENERAL INFORMATION								
*Site #: <u>CK-2304</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 <u>UR</u>						
Needle Beams and Shims		E G F P <u>(NA)</u> 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	?	<u>Y</u> N	900				} <u>ROTTEN</u>	
2	?	<u>Y</u> N	700					
3	?	<u>Y</u> N	800					
4	?	<u>Y</u> N	700					
5	?	<u>Y</u> N	850					
6	?	<u>Y</u> N	700					
7		<u>Y</u> N						
8		<u>Y</u> N						
9		<u>Y</u> N						
10		<u>Y</u> N						
Stream CHANNEL								
*Est. Present Water Level Depth <u>0.6</u> (m)		*Est. Present Water Level Depth <u>WATER 10</u> (m)		*Est. Present Water Level Depth <u>1.6</u> (m)				
HAZARDS (circle yes or no for each item)								
High Water?	Yes <u>No</u>	Scour?	<u>Yes</u> No	Ice?	Yes <u>No</u>	Debris?	Yes <u>No</u>	
Aggradation?								Yes <u>No</u>
Comments <u>DOWNSTREAM OF CRIB ABUTMENTS BEING BADLY SCOURED + UNDERMINED</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					
	<u>RIGHT TO LEFT</u>		<u>UPSTREAM</u>					
	<u>LEFT TO RIGHT</u>		<u>TRANSVERSE</u>					
	<u>RIGHT ABUT</u>		<u>UNDERCUTS</u>					
	<u>LEFT ABUT</u>		<u>RIGHT SCOUR</u>					
			<u>LEFT SCOUR</u>					
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): (PEng 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)	*Inspection Company Name Onsite Engineering LTD.	*Inspector's Name (print) Ali Sadehghi	Inspector's Signature					
Inspector's Comments <u>STRUCTURE IN A VERY POOR CONDITION. STRUCTURE NOT ACCESSIBLE, BLOCKED BY LARGE BOLLARD</u>								
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION								
Current Load Rating GVW (tonnes): (PEng to update structure details screen in CBR as necessary)	Date of Next Planned Inspection (yyyy/mm/dd) <u>2011/09/01</u>							
Reviewed by - PEng's Name (print) Onsite Engineering LTD	Reviewed by - PEng's Name (print) G. Dohm	Review <u>Ali Sadehghi</u>	Date Reviewed (yyyy/mm/dd) <u>2010/12/08</u>					
PEng Reviewer's Comments <u>Bridge condemned. Close bridge by permanent barricades or remove bridge.</u>								



CK2304 Right to left



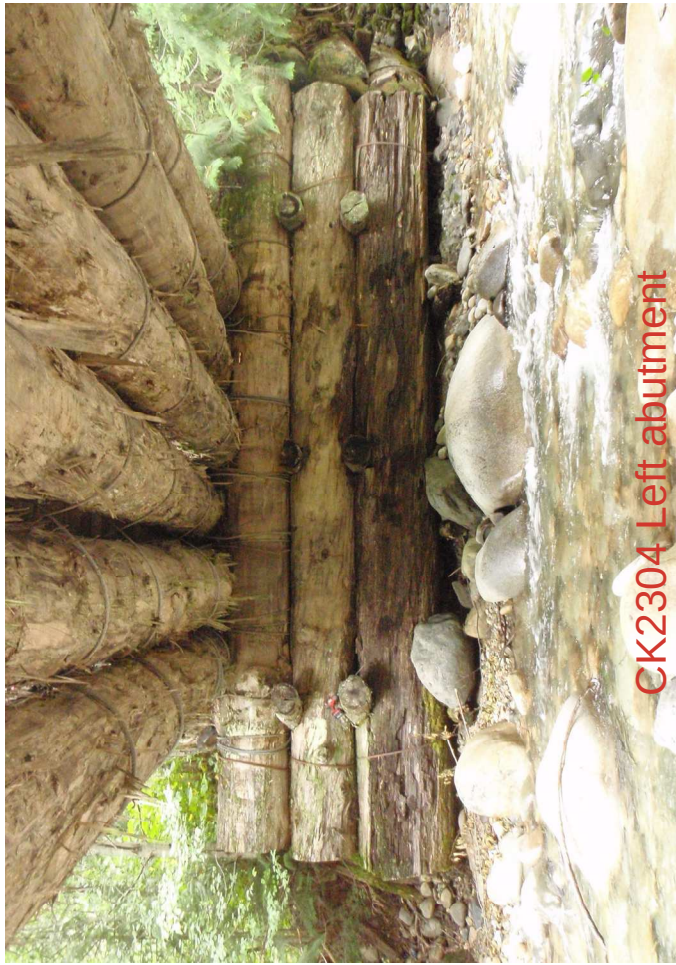
CK2304 Left to right



CK2304 From upstream



CK2304 from downstream



CK2304 Left abutment



CK2304 Right abutment

