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Sept

INACTIVE

BC Ministry of
Forests and Range

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

GENERAL

*Structure #

*Site #:

CK2291

 *Type/Class: ☒ Permanent Bridge
☐ Temporary Bridge

Crossing Name:

*Forest District: Chilliwack

Management Area:

*Forest Service Road: UZTLIUS CRK.

Kilometres:

17.7

*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]

13.2

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):

13.2

*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):

4.9

*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**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION		(enter either long/lat or UTM below – not both)	
*Site #: <u>CK-2291</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>7972</u>
*Structure #:			*Br. <u>01</u>
*FSR Name: <u>UTLINS CRK</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>17.7</u>	User km:
Longitude: (ddd / mm / ss.s) <u>49 47 38.2</u>	☒ OR ☐ UTM	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>121 20 37.7</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>(F)</u> P UR	<u>TIGHT HOR CURVE = POOR VIS.</u>	
Bridge Ahead Signs Missing	0 1 <u>(2)</u>		
Brushing Required	<u>(0)</u> Yes No		
Delineator Missing Left	<u>(0)</u> 1 2		
Delineator Missing Right	<u>(0)</u> 1 2		
Fender Condition	E G <u>(F)</u> P None UR	<u>LOG</u>	
Posted Load Rating	(tonnes) or <u>(0)</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 Girds	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 <u>(G)</u> F P N/A UR	<u>PRECAST CONCRETE CAP + BALLAST WALL.</u>	
Caps or Sills	E <u>(G)</u> F P N/A UR	<u>PRECAST. CONCRETE.</u>	
Piles or Posts	E G F P N/A UR	<u>? NOT VISIBLE</u>	
Ballast Wall	E <u>(G)</u> F P N/A UR	<u>PRECAST CONCRETE</u>	
Wing Wall	E G F P <u>(N/A)</u> UR		
Bracing	E G F P N/A UR	<u>? } NOT VIS.</u>	
Hardware	E G F P N/A UR	<u>? } " "</u>	
Fill	E <u>(G)</u> F P N/A UR		
Riprap	E G <u>(F)</u> P N/A UR	<u>POOR SIZING. (TOO MANY FINES)</u>	
Bearings	E <u>(G)</u> F P N/A UR	<u>RUBBER PADS.</u>	
Corrosion Protection	E G F P <u>(N/A)</u> UR	<u>? NOT VIS.</u>	
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 (N/A if running surface is gravel or timber planks)	E G <u>(F)</u> P N/A 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 <u>(F)</u> P N/A 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>LOOSE</u>	
Handrails/ Walkouts	E G F P <u>(N/A)</u> UR		
Hardware	E G F <u>(P)</u> N/A UR	<u>LOOSE.</u>	
Overall Deck Condition	E G <u>(F)</u> P UR		

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

GENERAL INFORMATION			
*Site #: <u>CK-2291</u>		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P UR	2 X CONCRETE SLABS.	
Diaphragms	E G F P <u>N/A</u> UR		
Bracing	E G F P <u>N/A</u> UR		
Under-trussing	E G F P <u>N/A</u> UR		
Hardware	E G F P <u>N/A</u> UR		
Welded / Grouded Shear Connectors	E <u>G</u> F P <u>N/A</u> UR	SILCAR PLATES.	
Stream CHANNEL			
*Est. Present Water Level Depth <u>0.2</u> (m)		*Est. Present Water Level Depth <u>width 4</u> (m)	*Est. Present Water Level Depth <u>0.3</u> (m)
HAZARDS (circle yes or no for each item)			
High Water? <u>Yes</u> No	Scour? Yes <u>No</u>	Ice? Yes <u>No</u>	Debris? Yes <u>No</u> Aggradation? Yes <u>No</u>
Comments <u>LOW HW CLEARANCE</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
	RIGHT TO LEFT		RIGHT ABUT
	LEFT TO RIGHT		LEFT ABUT
	UPSTREAM		
	DOWNSTREAM		
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>	P Eng Inspection Required? Yes <u>No</u>	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)	
*Date of Inspection (yyyy/mm/dd) <u>2010-09-06</u>	*Inspection Company Name Onsite Engineering Ltd	*Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Inspector's Comments			
PROFESSIONAL ENGINEER (P Eng) 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)	
68		2013/09/01	
Reviewer Company Name Onsite Engineering LTD	Reviewed by - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's Signature 	Date Reviewed (yyyy/mm/dd) 2010/12/07
P Eng Reviewer's Comments			

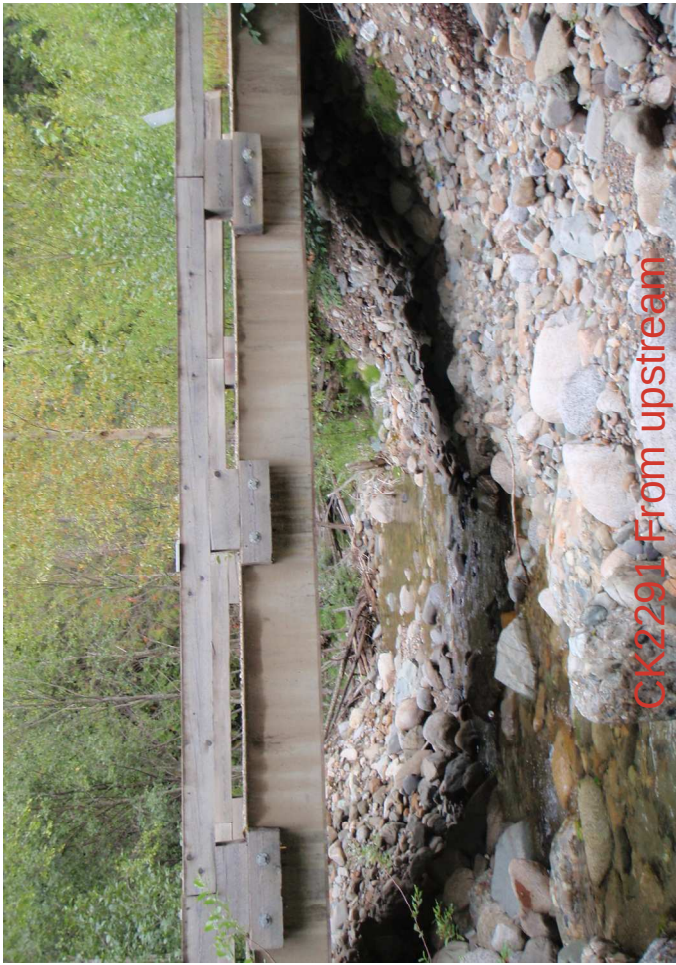
* Denotes Mandatory Information for Corporate Bridge Register



CK2291 Right to left



CK2291 Left to right



CK2291 From upstream

