

Sylb

ACTIVE

BC Ministry of
Forests and Range

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

GENERAL	
*Structure #	*Site #: CK 2294
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: 627105 CK	Kilometres: 20.5
*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: /	Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 23.7	
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): 24.1	*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): 4.8
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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**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION		(enter either long/lat or UTM below – not both)	
*Site #: <u>CR-22014</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>7972</u>
*Structure #:			*Br. <u>01</u>
*FSR Name: <u>UZE TLUS CR</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>20.5</u>	User km:
Longitude: (ddd / mm / ss.s) <u>49 48 52.3</u>	☒ OR ☐ UTM	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>121 19 49.1</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		
Bridge Ahead Signs Missing	0 1 <u>(2)</u>		
Brushing Required	<u>(Yes)</u> No		
Delineator Missing Left	<u>(0)</u> 1 2	RIGHT ABUT, LEFT DELIN. INSTEAD 2 ROWS.	
Delineator Missing Right	<u>(0)</u> 1 2		
Fender Condition	E G F P <u>(None)</u> UR	NEEDS FENDERS	
Posted Load Rating	(tonnes) or None	NOT POSTED.	
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		
Blk 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 <u>(G)</u> F P <u>(N/A)</u> UR	PIPEPIERS	
Ballast Wall	E <u>(G)</u> F P <u>(N/A)</u> UR	PRECAST CONCR.	
Wing Wall	E G F P <u>(N/A)</u> UR		
Bracing	E <u>(G)</u> F P <u>(N/A)</u> UR		
Hardware	E <u>(G)</u> F P <u>(N/A)</u> UR		
Fill	E <u>(G)</u> F P <u>(N/A)</u> UR		
Riprap	E <u>(G)</u> F P <u>(N/A)</u> UR		
Bearings	E <u>(G)</u> F P <u>(N/A)</u> UR	RUBBER PADS	
Corrosion Protection	E G <u>(F)</u> 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 <u>(F)</u> P <u>(N/A)</u> UR	OLD DECK, SOME NEED REPLACING (3" x 10")	
Sub-deck	E <u>(G)</u> F P <u>(N/A)</u> UR	TREATED	
Ties	E <u>(G)</u> F P <u>(N/A)</u> UR	TREATED 8" x 10" w/ 2300 mm spacing.	
Nails	E G <u>(F)</u> 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 G F P <u>(N/A)</u> UR		
Gravel Deck Depth	metres or <u>(N/A)</u>		
Curb Rail/Blocks/Posts	E G F <u>(P)</u> UR	INSECT DAMAGE, ROTTEN	
Handrails/Walkouts	E G F P <u>(N/A)</u> UR		
Hardware	E G <u>(F)</u> P <u>(N/A)</u> UR		
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 #: CK 2294		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E (G) F P UR	2X STEEL I-BEAM	
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		
Hardware	E (G) F P N/A UR		
Welded / Grouted Shear Connectors	E G F P N/A UR		
Stream CHANNEL			
*Est. Present Water Level Depth 0.5 (m)		*Est. Present Water Level Depth 8 (m)	*Est. Present Water Level Depth 1.6 (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		REPLACE ROTTEN RAIL & RUNNING PLANKS w/ INDUSTRIAL ACTIVITY.
2	(H) M L		INSTALL FENDERS.
3	H M L		
*Monitoring Status: ☐ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	RIGHT TO LEFT		DOWNSTREAM
	LEFT TO RIGHT		RIGHT ABUT
	ROTTEN RAIL		LEFT ABUT
	DISTANCE		
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)	
*Date of Inspection (yyyy/mm/dd) 2010-09-06	*Inspection Company Name Onsite Engineering Ltd	*Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Inspector's Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GWW (tonnes): 68		Date of Next Planned Inspection (yyyy/mm/dd) 2012/09/01	
(PEng to update structure details screen in CBR as necessary)			
Reviewer Company Name Onsite Engineering Ltd	Reviewed by - PEng's Name (print) G. Dohm	Reviewed by - PEng's G. Dohm	Date Reviewed (yyyy/mm/dd) 2010/12/07
PEng Reviewer's Comments: Replace broken deck running planks and recommend replacing curb rails.			

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CK2294 Right to left



CK2294 Left to right



CK2294 Rotten rail



CK2294 From upstream

