

INACTIVE

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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-2315
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: Stave-Winslow	Kilometres: 4.2
*Project File ID#: 8013	*Br. 02
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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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] 6.0	
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): 8.5	*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): 2.9
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*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
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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>CIC-2315</u>	*Crossing Name:	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# <u>R013</u>		*Br. <u>02</u>		
*Structure #:	*Forest District: <u>ChilliWack</u>	*Kilometres:	User km:				
*FSR Name: <u>STAVE - WINSLOW</u>	*Forest District: <u>ChilliWack</u>	*Kilometres:	User km:				
Longitude: (ddd / mm / ss.s) <u>99 19 35.1</u>	OF	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>121 20 56.0</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		MAJOR BRUSHING REQ.				
Delineator Missing Left	0 <u>(1)</u> 2						
Delineator Missing Right	0 1 <u>(2)</u>						
Fender Condition	E G F P <u>None</u> UR		NO 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 <u>P</u> P N/A UR		3 high CW closed face - 50mm sep rot.				
Tie-backs	E G <u>F</u> P N/A UR		2x				
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 <u>F</u> P N/A UR		loshed out ends of crib				
Fill	E G <u>F</u> P N/A UR						
Riprap	E G F P <u>(N/A)</u> UR		loft slightly undermined. → No riprap.				
Bearings	E <u>G</u> F P N/A 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 <u>P</u> N/A UR		KALICA TIMBER 4" x 12"				
Sub-deck	E G F P <u>(N/A)</u> UR		ROTEN CROSS TIES 8" x 8" = LONG CROSS TIES (5.5m)				
Ties	E G F <u>P</u> N/A UR						
Nails	E G F <u>P</u> N/A UR		STICKING OUT				
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 N/A						
Curb Rail/Blocks/Posts	E G F <u>P</u> UR		RIPRAP TIMBER RAILS				
Handrails/Walkouts	E G F P <u>(N/A)</u> UR						
Hardware	E G F <u>P</u> N/A UR		LOOSE				
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>CL-2315</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					
Stringers	Wood Species	Peeling? (circle)	Diameter (mm) or Width x Depth (mm x mm)	Rot Depth Bottom (mm)	Rot Depth Side (mm)	Rot Depth Top (mm)	Comments
1	FJ	N	800	150			
2		N	800	50			
3		N	650	100			
4		N	700	100			
5	V	N	750	750			ROTTEN - VERY CONCERN
6		N					
7		N					
8		N					
9		N					
10		N					
Stream CHANNEL							
*Est. Present Water Level Depth <u>0.2</u> (m)		*Est. Present Water Level Depth <u>3</u> (m)		*Est. Present Water Level Depth <u>1.5</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							
REPAIRS: ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)							
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description				
1	H M L		REPLACE RUNNING SURFACE & REASSESS				
2	H M L		STRINGERS PRIOR TO INDUSTRIAL HAULING				
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		UNDERWEATH				
	DOWNSTREAM		CONK IN STRINGER #5				
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>2010-09-07</u>		*Inspection Company Name Onsite Engineering LTD.		*Inspector's Name (print) Ali Sadehghi		Inspector's Signature 	
Inspector's Comments Stringers in fair condition except #5 which is rotten. RUNNING SURFACE IN POOR CONDITION							
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION							
Current Load Rating GVW (tonnes): (P Eng to update structure details screen in CBR as necessary)		2		Date of Next Planned Inspection (yyyy/mm/dd) 2011/09/01			
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) 2010/12/08	
P Eng Reviewer's Comments Downrate to 2 tonnes. Please post or barricade bridge.							





CK2315 Right abutment



CK2315 Left abutment



CK2315 Underneath



CK2315 Cunky stringer #5