



BC Ministry of
Forests and Range

BARRICATED

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

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GENERAL	
*Structure #	*Site #: CK-232-1
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: BLUE Mtn TWO	Kilometres: 2.2
*Project File ID#: 5913	*Br. 02
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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CK-2321

STRUCTURAL DETAILS	
Number of Spans:	Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20]
Number of Piers:	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):	*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 *Deck Width (metres): ☐ Gravel ☐ Steel ☐ Other
*Running Surface: ☐ Anti-Skid ☐ Not Available	☐ Asphalt ☒ Timber Planks ☐ Concrete ☐ Gravel
*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 #: CK-2321	*Crossing Name:	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# 5913		
*Structure #:			*Br. 02		
*FSR Name: BLUE Mtn TWO	*Forest District: CHILLIWACK	*Kilometres: 2.2	User km:		
Longitude: (ddd / mm / ss.s)	49 14 28.7	UTM Zone OR	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s)	122 28 45.7				
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 (F) P UR				
Bridge Ahead Signs Missing	0 1 (2)				
Brushing Required	(Yes) No				
Delineator Missing Left	(0) 1 2				
Delineator Missing Right	0 (1) 2	DOWN STREAM LEFT ABUT.			
Fender Condition	E G (F) (P) None UR	OLD LOGS			
Posted Load Rating	— (tonnes) or None	NOT ACCURATELY POSTED			
Road Surface	E G (F) P UR	ACCESS BLOCK WITH LOCK BLOCKS.			
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) N/A UR	3x CRIBS IN POOR CONDITION - FD CRIBS			
Tie-backs	E G (F) (P) N/A UR	3x			
Bin Wall	E G F P (N/A) UR				
Concrete (cast in place; lock blocks, precast)	E G F P (N/A) UR				
Caps or Sills	E G F P (N/A) UR				
Piles or Posts	E G F P (N/A) UR				
Ballast Wall	E G F P (N/A) UR				
Wing Wall	E G F P (N/A) UR				
Bracing	E G F P (N/A) UR				
Hardware	E G (F) P N/A UR	CRIB LASHED.			
Pill	E G F (P) N/A UR	DOWN STREAM LEFT ABUT: LARGE SINKHOLE BEHIND BRIDGE			
Riprap	E G (F) (P) N/A UR	CRIBS BEING UNDERMINED DUE TO INADEQUATE RIP RAP			
Bearings	E G (F) P N/A UR				
Corrosion Protection	E G F P (N/A) 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 (N/A) UR				
Running Planks	E G F (P) N/A UR	6" ROTTEN TIMBER			
Sub-deck	E G F P (N/A) UR				
Ties	E G F (P) N/A UR	8" x 2" ROTTEN TIMBER			
Nails	E G (F) P N/A UR				
Deck to Girder Bolts	E G F P (N/A) UR				
Concrete Deck	E G F P (N/A) UR				
Grout Pockets	E G F P (N/A) UR				
Deck Joints	E G F P (N/A) UR				
Steel Deck Plate	E G F P (N/A) UR				
Gravel Surface	E G F P (N/A) UR				
Gravel Deck Depth	metres or (N/A)				
Curb Rail/Blocks/Posts	E G F (P) UR	ROTTEN TIMBER RAIL			
Handrails/Walkouts	E G F P (N/A) UR				
Hardware	E G F (P) N/A UR	LOOSE			
Overall Deck Condition	E G F (P) UR				



Routine Condition Bridge Inspection Form

(for log stringer or timber stringer bridges)

GENERAL INFORMATION											
*Site #: CK-2321		*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	Peel'd? (circle)	Diameter (mm) or Width x Depth (mm x mm)	Rot Depth Bottom (mm)	Rot Depth Side (mm)	Rot Depth Top (mm)	Comments				
1	FA	N	630				ROTEN				
2	"	N	590	100			ROTEN				
3	"	N	560				ROTEN				
4	"	Y	580				ROTEN				
5	"	Y	530				ROTEN				
6	"	Y	600	100							
7		Y									
8		Y									
9		Y									
10		Y									
Stream CHANNEL											
*Est. Present Water Level Depth 0.3 (m)		*Est. Present Water Level Depth 4 (m)		*Est. Present Water Level Depth 1.5 (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										
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	SINK HOLE BETWEEN LEFT							
	Left to right		LEFT ABUT	CRIB							
	UPSTREAM		WADGESIDE								
	DOWNSTREAM		REAR DECK								
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)	2010-09-09	*Inspector's Company Name	Onsite Engineering Ltd.	*Inspector's Name (print)	Ali-Sadeghi	Inspector's Signature					
Inspector's Comments											
STRUCTURE IN VERY POOR CONDITION. BOTH SUPERSTRUCTURE & ABUTMENTS											
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION											
Current Load Rating GW (tonnes):		condemned		Date of Next Planned Inspection (yyyy/mm/dd)				2011/09/01			
(P Eng to update structure details screen in CBR as necessary)											
Reviewer Company Name	MNRO	Reviewed by - P Eng's Name (print)	G. Dohm	Reviewed by - P Eng's Signature				2010/12/09			
P Eng Reviewer's Comments		Bridge condemned. Remove bridge or barricade road completely.									

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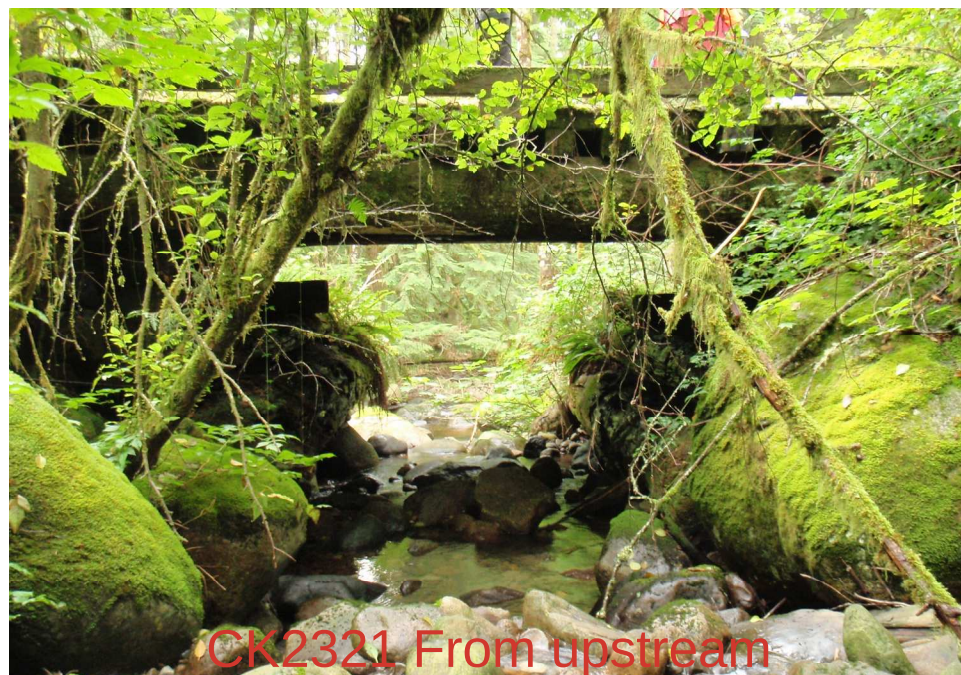
CK2321 Right to left



CK2321 Left to right



CK2321 Load limit sign



CK2321 From upstream



CK2321 From downstream



CK2321 Right abutment



CK2321 Left abutment



CK2321 Underneath



CK2321 Damaged deck



CK2321 Sink hole behind left crib