



BC Ministry of
Forests and Range

ACTIVE

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

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GENERAL	
*Structure #	*Site #: CK-2264
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: STAVE RIVER	Kilometres: 13.0
*Project File ID#: 8013	*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

CK-2264



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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 ☐ Crib - Timber ☐ Piles - Concrete ☐ Piles - Steel ☐ Piles - Timber Treated ☐ Piles - Timber Untreated ☐ Steel Column on Concrete Pad
Needle Beams? ☐ Yes ☒ No	Portable Structure? Portable Superstructure Status: ☐ Yes ☒ No ☐ Installed ☐ Storage
Portable Superstructure Storage Location:	
*Bridge Length (metres): 7.5	*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
*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): 5.4
*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
(for log stringer or timber stringer bridges)

GENERAL INFORMATION			
*Site #: CK-2264	*Crossing Name:	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# 3013
*Structure #:			*Br. A1
*FSR Name: STAVE LAKE	*Forest District: CHICWACK	*Kilometres: 13.0	User km:
Longitude: (ddd / mm / ss.s) 49 30 13.4		UTM Zone OR	UTM Easting
Latitude: (ddd / mm / ss.s) 122 15 51.0			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) 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		
Fender Condition	E G F P (None) UR	NO FENDERS	
Postroad Load Rating	(tonnes) or (None)	NOT POSTED	
Road Surface	E (G) F 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 Crlbs	E G (F) P N/A UR	3x (2) OPEN SPACES CRIBS w/ 50' RAIL	
Tie-backs	E G (E) P N/A UR	4x CW	
Bin Wall	E G F P (N/A) UR		
Concrete (cast in place; rock 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	LASHED AT CORNERS	
Fill	E G F (P) N/A UR	DOWNSTREAM, LEFT ABUT ACTIVELY ERODING.	
Riprap	E G F P (N/A) UR		
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		
Sub-deck	E G F P (N/A) UR		
Ties	E G F P (N/A) UR		
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	0.6 metres or N/A		
Curb Rail/Blocks/Posts	E (G) F P UR		
Handrails/ Walkouts	E G F P N/A UR		
Hardware	E G (F) P N/A UR	strings behind and ends.	
Overall Deck Condition	E G (F) P UR		



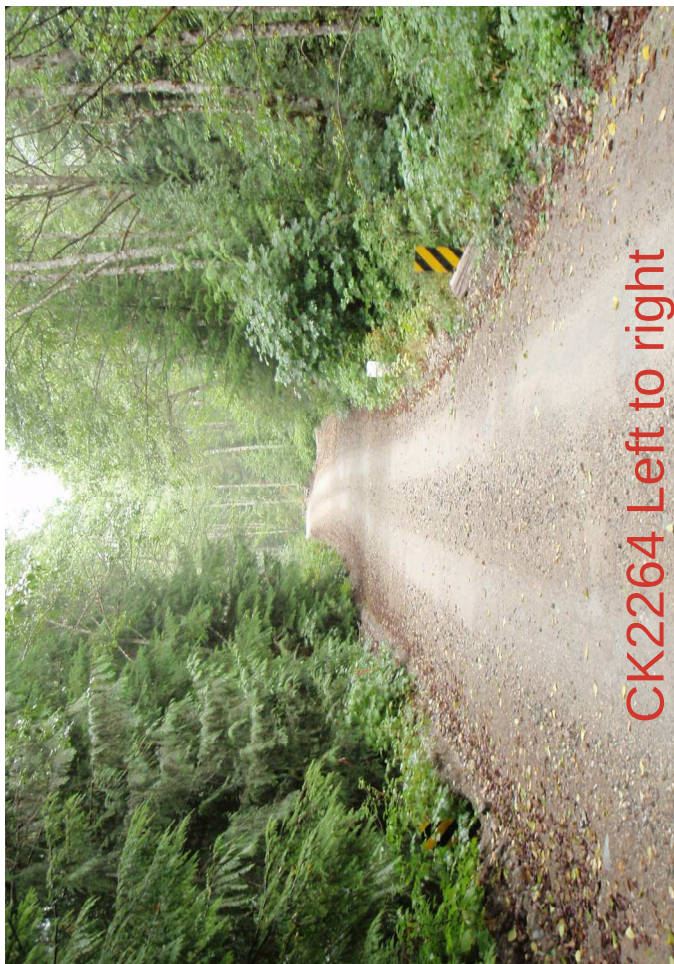
Routine Condition Bridge Inspection Form

(for log stringer or timber stringer bridges)

GENERAL INFORMATION									
*File #: CK-2264		*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	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	CW	Y N	690	100			L=7.5m		
2	CW	Y N	670	100			Gravel=0.6m		
3	CW	Y N	740	150					
4		Y N	580	100					
5		Y N	630	50					
6		Y N	560	50					
7		Y N	620	50					
8		Y N	530	50					
9		Y N							
10		Y N							
Stream CHANNEL									
*Est. Present Water Level Depth (m)		0.1 (m)		*Est. Present Water Level Depth (m)		3 (m)		*Est. Present Water Level Depth (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 Downstream Right Abutment									
REPAIRS:									
Repair Item #	*Priority (circle)	☐ Recommended		☐ Not required		(H = High, M = Medium, L = Low)			
*Estimate (\$)		*Repair Description							
1	(H) M L					INSTALL FENCES.			
2	(H) M L					DOWNSTREAM RIGHT CRIB SCOUR = BACK FILL			
3	H M L								
*Monitoring Status: ☐ Recommended ☐ Not required									
Monitor Item #	*Monitor Description								
1									
2									
PHOTO LOG									
Photo #	Description			Photo #			Description		
	Right to Left						UPSTREAM VIEW		
	Left to Right						Downstream view		
	Downstream Right crib location						Right Abut		
	Hole in Upstream Left						Left Abut		
INSPECTOR TO COMPLETE THIS SECTION									
As-built Drawings Checked?		P Eng Inspection Required?		Yes (No)		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):			
Yes (No)		Yes (No)				(P Eng to review and evaluate inspector's estimate and to update "Full Log Haul Traffic Replacement (year)" on structure details section in CBR as necessary).			
*Date of Inspection (yyyy/mm/dd)		*Inspection Company Name		*Inspector's Name (print)		Inspector's Signature			
2010.09.10		West Engineering Ltd		Ali Sadeghi					
Inspector's Comments									
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION									
Current Load Rating GVW (tonnes):		10		Date of Next Planned Inspection (yyyy/mm/dd)		2011/09/01			
(P Eng to update structure details section in CBR as necessary)									
Reviewer Company Name		Reviewed by - P Eng's Name (print)		Reviewed by - P Eng's Signature		Date Reviewed (yyyy/mm/dd)			
MNRO		G. Dohm		G. Dohm		2010/12/07			
P Eng Reviewer's Comments Downrate to 10 tonnes. Please post. Recommend replacing bridge.									
* Denotes Mandatory Information for Corporate Bridge Register									
FS1337A HEG Aug 3, 2010									



CK2264 Right to left



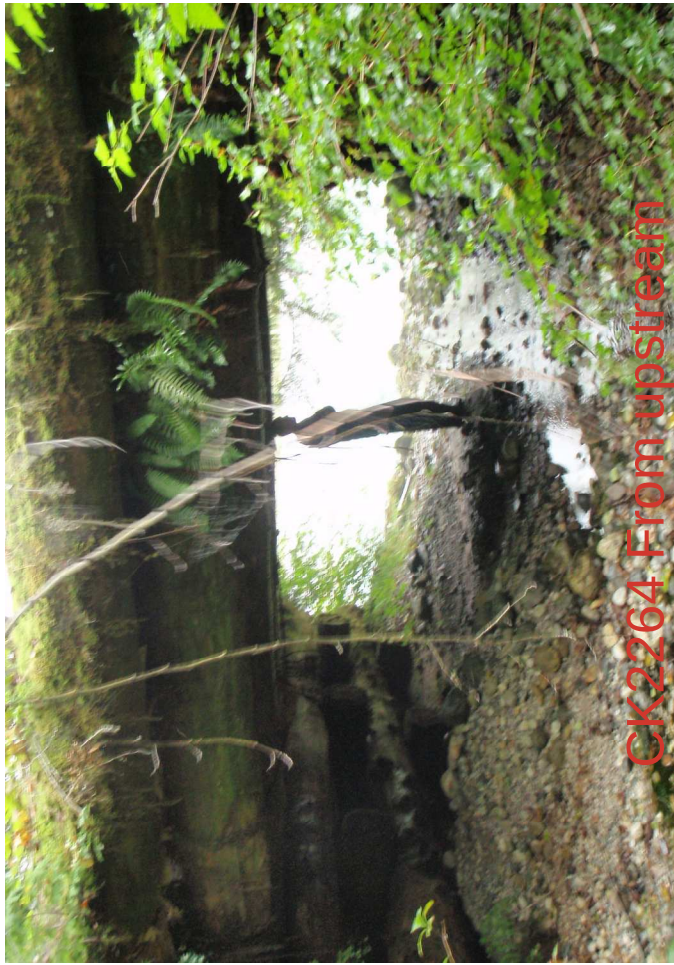
CK2264 Left to right



CK2264 Downstream...



CK2264 Hole in structure



CK2264 From upstream



CK2264 From downstream



CK2264 Right abutment



CK2264 Left abutment



CK2264 Underneath