

ACTIVE

BC Ministry of
Forests and Range

Page 1 of 2

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

GENERAL	
*Structure #	*Site #:
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: LOST CREEK FSR	Kilometres: 18.9
*Project File ID#: 8466	*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

CK 2173

BC Ministry of
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Page 2 of 2

Bridge Register

Structure Inventory Data Form

BRIDGES

STRUCTURAL DETAILS		
Number of Spans:		Needle Beams? ☐ Yes ☒ No
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 0.0	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:		
*Bridge Length (metres): 0.0	*Superstructure: ☐ Compo Girders ☐ Concrete Box Beam ☐ Concrete Cast in Place ☐ Concrete I/T Beam ☐ Concrete Slab Girders ☐ Glulam Girder ☒ Log Stringer ☐ Other ☐ Rail Car ☐ Steel Box Beam ☐ Steel I-Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Treated Stringers ☐ Timber-Untreated Stringers	
*Deck Type: ☐ Concrete ☐ Concrete Composite ☐ Concrete Removable ☒ Gravel ☐ Other ☐ Steel ☐ Steel Free ☐ Timber-Treated ☐ Timber-Treated Panels ☐ Timber-Untreated ☐ Timber-Untreated Panels		*Deck Width (metres): 6.5
*Running Surface: ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☒ Gravel ☐ N/A ☐ Timber Planks		
*Left Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☒ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pat		*Right Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☒ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pat
Comments: ROTTEN STRINGERS + CRIB IN FOR STAY		

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

GENERAL INFORMATION				(enter either long/lat or UTM - not both)		
Site # <u>CK-2173</u>		Structure #				
FSR Name <u>LOST CRK FSR</u>		User km <u>18.9</u>	Project File ID <u>8466</u>	Branch <u>01</u>		
Longitude: (ddd / mm / ss.s) <u>49 24 00.0</u>		OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>122 14 27.8</u>						
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl.						
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)				
Alignment	E G <u>(F)</u> P					
Bridge Ahead Signs Missing	0 1 <u>(2)</u>					
Brushing Required	<u>(Yes)</u> No					
Delineator Missing Left	0 1 <u>(2)</u>					
Delineator Missing Right	0 1 <u>(2)</u>					
Fender Condition	E G F <u>(None)</u>					
Posted Load Rating (tonnes)		<u>NOT POSTED</u>				
Road Surface	E G <u>(F)</u> P					
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 <u>(P)</u> N/A	<u>2X CLOSED FACED POOR CONDITION.</u>				
Tie-backs	E G F <u>(P)</u> N/A	<u>2X TIE BACKS</u>				
Bin Wall	E G F <u>(P)</u> N/A					
Precast Concrete	E G F <u>(P)</u> N/A					
Caps or Sills	E G F <u>(P)</u>	<u>RUTTEN CRUB.</u>				
Piles or Posts	E G F <u>(P)</u> N/A					
Ballast Wall	E <u>(G)</u> F P					
Wing Wall	E G F <u>(P)</u> N/A					
Bracing	E G F <u>(P)</u> N/A					
Hardware	E G F <u>(P)</u> N/A					
Fill	E <u>(G)</u> F P	<u>30CM PLUS.</u>				
Riprap	E G <u>(F)</u> P N/A					
Bearings	E G <u>(F)</u> P					
Corrosion Protection	E G F <u>(P)</u> N/A					
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	E <u>(G)</u> F P					
Running Planks	E G F <u>(P)</u> N/A					
Sub-deck	E G F <u>(P)</u> N/A					
Ties	E G F <u>(P)</u> N/A					
Nails	E G F <u>(P)</u> N/A					
Deck to Girder Bolts	E G F <u>(P)</u> N/A					
Concrete Deck	E G F <u>(P)</u> N/A					
Grout Pockets	E G F <u>(P)</u> N/A					
Deck Joints	E G F <u>(P)</u> N/A					
Anti-skid Surface	E G F <u>(P)</u> N/A					
Gravel Surface	E <u>(G)</u> F P N/A					
Curb Rail/Blocks/Posts	E G F <u>(P)</u>	<u>NO CURB LOGS INSTALLED.</u>				
Handrails/Walkouts	E G F <u>(P)</u> N/A					
Hardware	E G F <u>(P)</u> N/A	<u>STRINGERS POORLY LASHED</u>				
Overall Deck Condition	E G <u>(F)</u> P					

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

GENERAL INFORMATION										
Site # <u>CK-2173</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 <u>(P)</u> N/A		<u>NO CURB LOGS</u>						
Needle Beams and Shims		E G F <u>(P)</u> N/A		<u>NO NEEDLE BEAM</u>						
Stringers	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	YC	<u>(Y)</u> N	12	50						
2	CW	<u>(Y)</u> N	75				ROTEN			
3	CW	<u>(Y)</u> N	87				ROTEN			
4	CW	<u>(Y)</u> N	78				ROTEN			
5	YC	<u>(Y)</u> N	89	150			KNOTTY LOG			
6	CW	<u>(Y)</u> N	72	50						
7	YC	<u>(Y)</u> N	68	70						
8	CW	<u>(Y)</u> N	62				ROTEN			
9	YC	<u>(Y)</u> N	74	100						
10	YC	<u>(Y)</u> N	78	50			SAP ROT			
CHANNEL										
Est. Present Water Level Depth (m)		<u>0.1</u>		Est. Present Water Level Width (m)		<u>3</u>				
				Est. High Water Level Clearance (m)		<u>1.2</u>				
HAZARDS (circle yes or no for each item)										
High Water?		Yes <u>(No)</u>	Scour?	Yes <u>(No)</u>	Ice?	Yes <u>(No)</u>	Debris?	Yes <u>(No)</u>	Aggradation?	Yes <u>(No)</u>
Comments										
REPAIRS (H = High, M = Medium, L = Low)										
#	Priority (circle)	Estimate (\$)	Description							
1	<u>(H)</u> M L		STRUCTURE NOT SUITABLE FOR INDUSTRIAL LOADING							
2	H M L									
3	H M L									
ITEMS TO MONITOR										
#	Description									
1										
2										
PHOTO LOG										
Photo #	Description	Photo #	Description							
	FRONT DOWN STREAM		RIGHT TO LEFT							
	LEFT ABUT.		LEFT TO RIGHT							
	RIGHT ABUT.									
	FROM UPSTREAM									
INSPECTOR TO COMPLETE THIS SECTION										
As-built Drawings Checked?		P Eng Inspection Required? Yes <u>(No)</u>		Date of Inspection (yyyy/mm/dd)						
Yes <u>(No)</u>				2010-08-10						
Inspection Company Name		Inspector's Name (print)		Inspector's Signature						
Onsite Engineering Ltd.		ALI SADEGH								
Comments										
STRUCTURE NOT SUITABLE FOR INDUSTRIAL TRAFFIC.										
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION										
Current Load Rating GVW (tonnes):		20		Date of Next Inspection						
				2012/09/01						
Reviewer Company Name		Reviewed by - PEng's Name (print)		Reviewed by - PEng's Signature		Date Reviewed (yyyy/mm/dd)				
MNRO		G. Dohm				2010/12/01				
Comments										
CBR says this bridge is gone. However, still exists. Downrate to 20 tonnes. Please post.										



CK2173 Right abutment



CK2173 From downstream



CK2173 From upstream



CK2173 Left abutment



CK2173 Right to left



CK2173 Left to right