



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2406		*Site Status ☒ Active ☐ Barricaded/Closed ☐ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☒ Crossing ☐ Storage			
*Project File ID#: 8394		*Br. 01	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: PITT			
*Kilometres: 18.5		User Kilometres:	
*Crossing Name:		Close Proximity Inspection Required? ☐ Yes ☒ No	
*Inspection Status: ☒ Inspect ☐ Do Not Inspect			
*BCTS Business Area (if applicable):			
Trim Map Sheet #:		1:50,000 Map Sheet #:	
Special Access Requirements: ☐ ATV ☐ Boat ☐ 4-Wheel Drive ☐ Gate Key ☒ Helicopter ☐ Isolated Public Access		Special Equipment Requirements: ☐ Peeper Truck ☐ Scuba	
Point of Access Description:			
Coordinates Longitude: (ddd / mm / ss.s)		Latitude: (ddd / mm / ss.s)	
UTM Zone: 10	UTM Easting: 522674	UTM Northing: 5503087	

*Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL

*Structure # CK-2406	*Site #: CK-2406
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: PITT	Kilometres: 18.5
*Project File ID#: 8394	*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): <small>(PEng to enter / update this value on structure details screen in CBR)</small> 62	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small>
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): 2016
Light Vehicle Traffic Replacement (year): 2020	*Full Log Haul Traffic Replacement (year): <small>(PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).</small> 2016
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

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

STRUCTURAL DETAILS			
Number of Spans: <div style="text-align: center; font-size: 24px;">1</div>	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] <div style="text-align: center; font-size: 24px;">11.7</div>		
Number of Piers: <div style="text-align: center; font-size: 24px;">0</div>	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): <div style="text-align: center; font-size: 24px;">11.7</div>	*Superstructure: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">☐ Compo Girders</div> <div style="width: 50%;">☐ Concrete Box Beam</div> <div style="width: 50%;">☐ Rail Car</div> <div style="width: 50%;">☐ Concrete Cast in Place</div> <div style="width: 50%;">☐ Concrete I/T Beam</div> <div style="width: 50%;">☐ Other</div> <div style="width: 50%;">☐ Concrete Slab Girders</div> <div style="width: 50%;">☐ Glulam Girder</div> <div style="width: 50%;">☒ Log Stringer</div> <div style="width: 50%;">☐ Steel Box Beam</div> <div style="width: 50%;">☐ Steel I-Beam</div> <div style="width: 50%;">☐ Steel Truss/Bailey/Acrow</div> <div style="width: 50%;">☐ Timber-Treated Stringers</div> <div style="width: 50%;">☐ Timber-Untreated Stringers</div> </div>		
*Deck Type: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">☐ Concrete</div> <div style="width: 50%;">☐ Concrete Composite</div> <div style="width: 50%;">☒ Gravel</div> <div style="width: 50%;">☐ Concrete Removable</div> <div style="width: 50%;">☐ Concrete - Steel Free</div> <div style="width: 50%;">☐ Steel</div> <div style="width: 50%;">☐ Timber-Treated</div> <div style="width: 50%;">☐ Timber-Untreated</div> <div style="width: 50%;">☐ Other</div> <div style="width: 50%;">☐ Timber-Treated Panels</div> <div style="width: 50%;">☐ Timber-Untreated Panels</div> </div>			*Deck Width (metres): <div style="text-align: center; font-size: 24px;">5</div>
*Running Surface: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">☐ Anti-Skid</div> <div style="width: 50%;">☐ Asphalt</div> <div style="width: 50%;">☐ Concrete</div> <div style="width: 50%;">☒ Gravel</div> <div style="width: 50%;">☐ Not Available</div> <div style="width: 50%;">☐ Timber Planks</div> </div>			
*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-2406	*Crossing Name: not known	*Type/Class: ☐ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# 8394				
*Structure #: CK-2406			*Br. 01				
*FSR Name: Pitt River	*Forest District: Chilliwack	*Kilometres: 18.50	User km: 18.5				
Longitude: (ddd / mm / ss.s)		OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)			10	522674	5503087		
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 <u>G</u> F P UR						
Bridge Ahead Signs Missing	0 1 <u>2</u>						
Brushing Required	Yes <u>No</u>						
Delineator Missing Left	<u>0</u> 1 2						
Delineator Missing Right	<u>0</u> 1 2						
Fender Condition	E <u>G</u> F P None UR	Logs					
Posted Load Rating	(tonnes) or <u>None</u>						
Road Surface	E <u>G</u> 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 Crib	E <u>G</u> F P N/A UR	2x open faced on left abutment. 3x open faced on right abutment.					
Tie-backs	E <u>G</u> F P N/A UR						
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 <u>F</u> P N/A UR	Top sill logs okay					
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 <u>G</u> F P N/A UR	Chb lashed					
Fill	E <u>G</u> F P N/A UR						
Riprap	E G F <u>P</u> N/A UR	very little, but effective					
Bearings	E G <u>F</u> 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 P <u>N/A</u> UR						
Sub-deck	E G F P <u>N/A</u> UR						
Ties	E G F P <u>N/A</u> UR						
Nails	E G F 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 <u>F</u> P N/A UR	Requires more fill - 0.4m of fill currently					
Gravel Deck Depth	0.4 metres or N/A						
Curb Rail/Blocks/Posts	E G <u>F</u> P UR						
Handrails/ Walkouts	E G F P <u>N/A</u> UR						
Hardware	E <u>G</u> F P N/A UR	Stringers all lashed at mid-span					
Overall Deck Condition	E <u>G</u> F P UR						

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

GENERAL INFORMATION							
*Site #: CK-2406				*Structure #: CK-2406			
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	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	?	(Y) N	650	0	0	0	Species not identified - white wood
2	?	(Y) N	700	0	0	0	Species not identified
3	?	(Y) N	600	0	0	0	Species not identified
4	?	(Y) N	600	0	0	0	Species not identified
5	?	(Y) N	780	0	0	0	Species not identified
6	?	(Y) N	600	0	0	0	Species not identified
7	?	(Y) N	650	0	0	0	Species not identified
8	?	(Y) N	580	0	0	0	fruiting bodies but cored okay
9	?	(Y) N	630	0	0	0	Species not identified
10	?	(Y) N	650	0	0	0	Species not identified
Stream CHANNEL							
*Est. Present Water Level Depth 0 (m)		*Est. Present Water Level Width 0 (m)		*Est. High Water Level Clearance 1.2 (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		Post bridge ahead and load rating signs				
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				
1	From Right	5	Lashing				
2	Conk starting core ok	6	Left abutment				
3	From upstream	7	right abutment				
4	From left						
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): 2016			
				(P Eng to review and evaluate inspectors estimate, and to update Full Log Haul Traffic Replacement (year) on structure details screen in CBR as necessary)			
*Date of Inspection (yyyy/mm/dd) 2013/09/25		*Inspection Company Name DNS SITE		*Inspector's Name (print) Jeremy Araki		Inspector's Signature J.C. PARR #29755	
Inspector's Comments ensure it is corded again in 2015, they will start to rot fairly soon							
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION							
Current Load Rating GVW (tonnes): 63 tonnes				Date of Next Planned Inspection (yyyy/mm/dd) 2015/09/30			
Reviewer Company Name MoF		Reviewed by - P Eng's Name (print) T. Miller		Reviewed by - P Eng's Signature		Date Reviewed (yyyy/mm/dd) 2014/01/13	
P Eng Reviewer's Comments Post bridge ahead and load rating signs. Ensure species are identified at next inspection.							

* Denotes Mandatory Information for Corporate Bridge Register

Present load rating of BCL-625 or 63 tonnes to continue.



CK-2406 From right



CK-2406 Conk starting core ok



CK-2406 From upstream



CK-2406 From left



CK-2406 Lashing



CK-2406 Left abutment



CK-2406 Right abutment