



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2219		*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: 9.8		User Kilometres:	
*Crossing Name: CORBOLD CRK		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) 49 37 09.8		Latitude: (ddd / mm / ss.s) 122 38 41.2	
UTM Zone: 10	UTM Easting: 525672	UTM Northing: 5496399	

*Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL	
*Structure # CK-2219	*Site #: CK-2219
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name: CORBOLD CRK
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: PITT	Kilometres: 9.8
*Project File ID#: 8394	*Br. 01
Built For: <div style="display: flex; justify-content: space-between;"> <div> ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder </div> <div> ☐ Operations Division ☐ Road Permit Holder </div> </div>	
*Source: <div style="display: flex; justify-content: space-between;"> <div> ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☒ New Structure ☐ Replacement Structure </div> <div> ☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries </div> </div>	
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>	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small>
Design Vehicle Configuration: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">☐ BCL625</div> <div style="width: 33%;">☐ CL625</div> <div style="width: 33%;">☐ L100</div> <div style="width: 33%;">☐ L120</div> <div style="width: 33%;">☐ L150</div> <div style="width: 33%;">☐ L165</div> <div style="width: 33%;">☐ L45</div> <div style="width: 33%;">☐ L60</div> <div style="width: 33%;">☐ L75</div> <div style="width: 33%;">☐ L90</div> <div style="width: 33%;">☐ Other</div> </div>	
*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): <div style="text-align: center; font-size: 1.2em;">2050</div>	*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> <div style="text-align: center; font-size: 1.2em;">2050</div>
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: 2em;">1</div>	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]		
Number of Piers: <div style="text-align: center; font-size: 2em;">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="font-size: 1.5em;">39.6</div>	*Superstructure: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> ☐ Compo Girders ☐ Concrete Cast in Place ☐ Concrete Slab Girders ☐ Log Stringer ☒ Steel I-Beam ☐ Timber-Treated Stringers </div> <div style="width: 50%;"> ☐ Concrete Box Beam ☐ Concrete I/T Beam ☐ Glulam Girder ☐ Steel Box Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Untreated Stringers </div> <div style="width: 50%;"> ☐ Rail Car ☐ Other </div> </div>		
*Deck Type: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> ☐ Concrete ☐ Concrete Removable ☐ Timber-Treated ☐ Timber-Treated Panels </div> <div style="width: 50%;"> ☒ Concrete Composite ☐ Concrete - Steel Free ☐ Timber-Untreated ☐ Timber-Untreated Panels </div> <div style="width: 50%;"> ☐ Gravel ☐ Steel ☐ Other </div> </div>			*Deck Width (metres): <div style="font-size: 1.5em;">4.9</div>
*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**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION				(enter either long/lat or UTM below – not both)		
*Site #: CK-2219	*Crossing Name: Corbold Crk	*Type/Class: ☒ Temporary bridge ☒ Permanent bridge	*Project File ID# 8394			
*Structure #: CK-2219			*Br. 01			
*FSR Name: Pitt River	*Forest District: Chilliwack	*Kilometres: 9.80	User km: 9.80			
Longitude: (ddd / mm / ss.s)	OR	UTM Zone: 10	UTM Easting: 525672	UTM Northing: 5496399		
Latitude: (ddd / mm / ss.s)						
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	
Posted Load Rating	(tonnes) or None					
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 Crib	E	G	F	P	N/A UR	
Tie-backs	E	G	F	P	N/A UR	
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	Pipe risers
Ballast Wall	E	G	F	P	N/A UR	Precast concrete
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	
Fill	E	G	F	P	N/A UR	
Riprap	E	G	F	P	N/A UR	
Bearings	E	G	F	P	N/A UR	Rubber Pads
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	13x concrete composite
Grout Pockets	E	G	F	P	N/A UR	
Deck Joints	E	G	F	P	N/A UR	few
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	Soft, rotting, but intact
Handrails/ Walkouts	E	G	F	P	N/A UR	
Hardware	E	G	F	P	N/A UR	
Overall Deck Condition	E	G	F	P	UR	

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

GENERAL INFORMATION			
*Site #: CK-2219		*Structure #: CK-2219	
SUPERSTRUCTURE			
Item	Present Condition (circle)		
Girders	E	G	F P UR
Diaphragms	E	G F P	N/A UR
Bracing	E	G F P	N/A UR
Under-trussing	E	G F P	N/A UR
Hardware	E	G F P	N/A UR
Welded / Grouted Shear Connectors	E	G F P	N/A UR
Comments (a comment is mandatory if condition "Poor" is selected)			
2x steel I-Beam L:120			
Stream CHANNEL			
*Est. Present Water Level Depth 0.8 (m)		*Est. Present Water Level Width 20.0 (m)	
		*Est. High Water Level Clearance 3.0 (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)		
	H	M	L
1			
2			
3			
*Estimate (\$)			
*Repair Description			
*Monitoring Status: ☐ Recommended ☒ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
1	Left Abutment	5	From Right #9 Right bracing
2	From Downstream	6	From Upstream #10 Girders.
3	Left bracing	7	Right abutment
4	From Left	8	Guards
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked?		P Eng Inspection Required? Yes No	
Yes No		Yes No	
		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): 2050	
		(P Eng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure data's screen in CBR)	
*Date of Inspection (yyyy/mm/dd)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2013/09/25	ONSITE	Jeremy Araki	
Inspector's Comments			
Guards will require replacement in 2-3 years			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): 109 tonnes		Date of Next Planned Inspection (yyyy/mm/dd) 2016/09/30	
(P Eng to update structure details screen 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)
MoF	T. Miller		2014/01/06
P Eng Reviewer's Comments			
Post bridge ahead signs and brush approaches. Present load rating of P-16 (modified) or 109 tonnes			

* Denotes Mandatory Information for Corporate Bridge Register to continue.

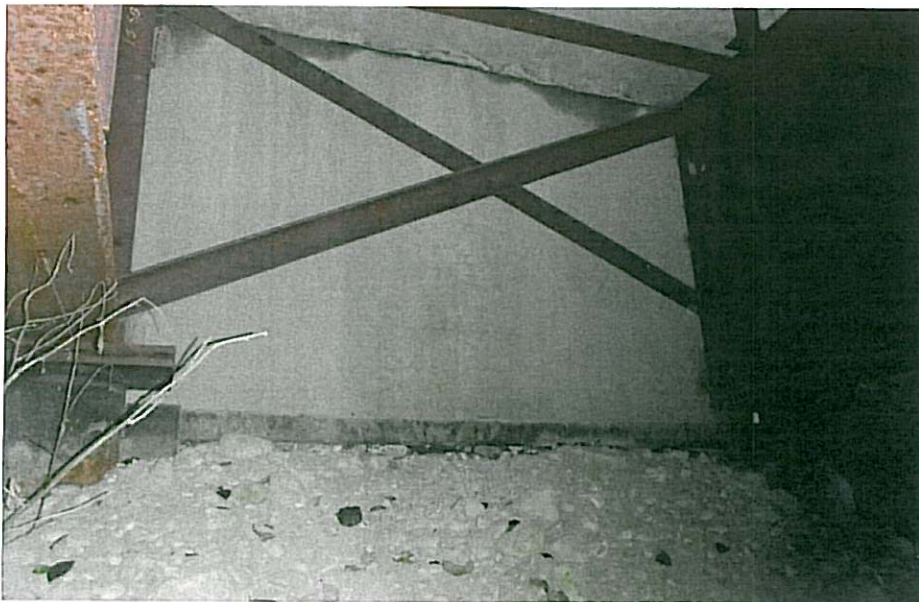




CK-2219 Left abutment



CK-2219 From downstream



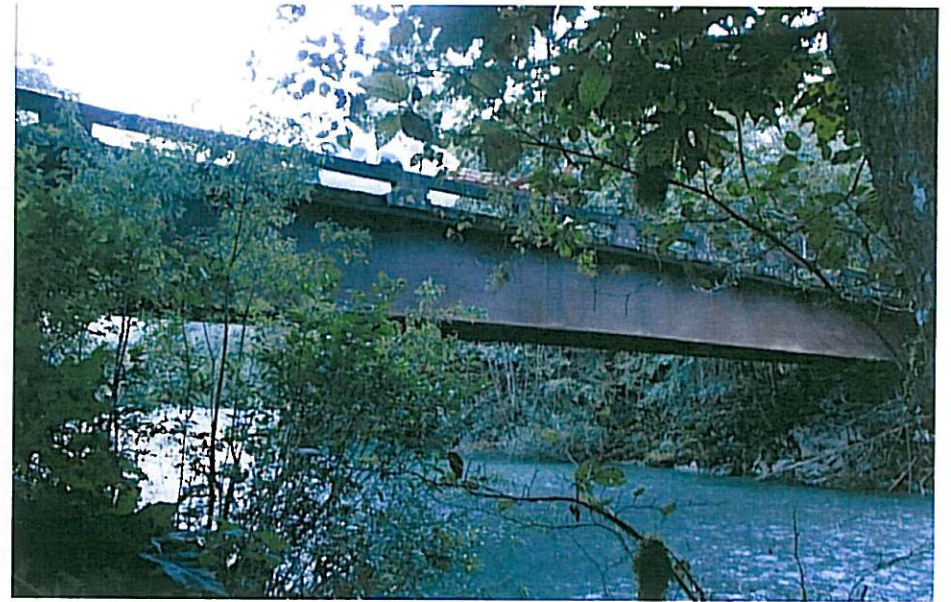
CK-2219 Left bearing



CK-2219 From left



CK-2219 From right



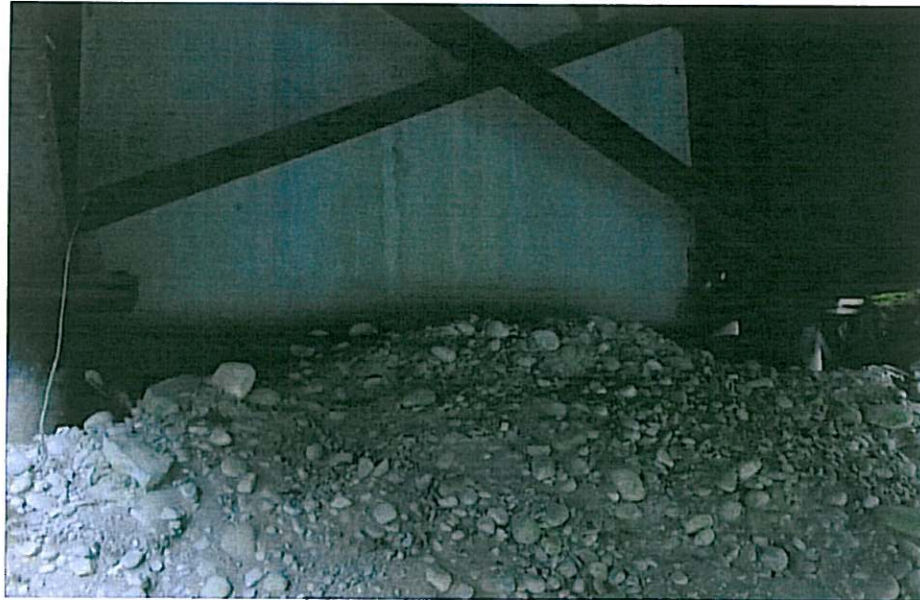
CK-2219 From upstream



CK-2219 Right abutment



CK-2219 Guards



CK-2219 Right bearing



CK-2219 Girders

25-Sep-13