



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2262		*Site Status ☒ Active ☐ Barricaded/Closed ☐ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☒ Crossing ☐ Storage			
*Project File ID#: 8013		*Br. 01	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: STAVE			
*Kilometres: 10.5		User Kilometres:	
*Crossing Name: SIDE 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)		Latitude: (ddd / mm / ss.s)	
UTM Zone: 10	UTM Easting: 554217	UTM Northing: 5481661	

*Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL	
*Structure # <u>CK-2262</u>	*Site #: <u>CK-2262</u>
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name: <u>SIDE CRK</u>
*Forest District: <u>CHILLIWACK</u>	Management Area:
*Forest Service Road: <u>STAVE</u>	Kilometres:
*Project File ID#: <u>8013</u>	*Br. <u>01</u>
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/ Other Ministry ☐ Inherited: Non-Status Road ☐ Inherited: Transfers from Other Ministries ☐ Inherited: Reallocation ☒ New Structure ☐ 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>	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small> <u>68</u>
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): <u>2030</u>	*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> <u>2020</u>
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

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

STRUCTURAL DETAILS

Number of Spans:

1

Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]

9.7

Number of Piers:

0

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):

11

*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):

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: OLD CN BRIDGE OVERTOPPED

**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-2262	*Crossing Name: Side Creek	*Type/Class: ☒ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# 8015				
*Structure #: CK-2262			*Br. 01				
*FSR Name: Stave River	*Forest District: Chilliwack	*Kilometres: 10.50	User km:				
Longitude: (ddd / mm / ss.s)		OR	UTM Zone: 10	UTM Easting: 554217	UTM Northing: 5481661		
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 <u>F</u> 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 G <u>F</u> <u>P</u> None UR		Berms				
Posted Load Rating	____ (tonnes) or <u>None</u>		Not posted				
Road Surface	E G <u>F</u> 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 Cribs	E G <u>F</u> P N/A UR						
Tie-backs	E G <u>F</u> 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 F P N/A <u>UR</u>		See log crib rating				
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 G <u>F</u> P N/A UR						
Fill	E <u>G</u> <u>F</u> P N/A UR						
Riprap	E G F <u>P</u> N/A UR		None				
Bearings	E G F P N/A <u>UR</u>		Cannot see				
Corrosion Protection	E G F P <u>N/A</u> UR						
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 (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 F <u>P</u> N/A UR		thin layer of gravel over new stringer				
Gravel Deck Depth	<u>0.2</u> metres or N/A						
Curb Rail/Blocks/Posts	E <u>G</u> F P UR		logs + berms				
Handrails/ Walkouts	E G F P <u>N/A</u> UR						
Hardware	E G F P <u>N/A</u> UR						
Overall Deck Condition	E G <u>F</u> P UR						



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

GENERAL INFORMATION							
*Site #: CK-226				*Structure #: 2262			
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	log + berm	
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	?	Y N	?	?	?	?	Cannot inspect new stringers since they are buried.
2		Y N					
3		Y N					
4		Y N					
5		Y N					
6		Y N					
7		Y N					
8		Y N					
9		Y N					
10		Y N					
Stream CHANNEL							
*Est. Present Water Level Depth		2 (m)		*Est. Present Water Level Width		9.0 (m)	
				*Est. High Water Level Clearance		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: Beaver dam at inlet and downstream							
REPAIRS: ☒ Recommended ☐ Not required (H = High, M = Medium, L = Low)							
Repair Item #	Priority (circle)	Estimate (\$)	Repair Description				
1	H M L	\$ 1.00	remove beaver dam				
2	H M L		Post load rating and bridge ahead signs				
3	H M L		Place fenders and add additional 200mm gravel fill				
*Monitoring Status: ☐ Recommended ☒ Not required							
Monitor Item #	Monitor Description						
1							
2							
PHOTO LOG							
Photo #	Description	Photo #	Description				
1	From left	5	Gravel fill (2)				
2	From downstream	6	From upstream				
3	New Deck	7	Gravel fill				
4	From Right						
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): 2020					
*Date of Inspection (yyyy/mm/dd): 2013/09/25		*Inspection Company Name: ONSITE					
Inspector's Name (print): Jeremy Araki		Inspector's Signature: [Signature]					
Inspector's Comments: Replace with larger bridge							
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION							
Current Load Rating GVW (tonnes): 68 tonnes		Date of Next Planned Inspection (yyyy/mm/dd): 2014/09/30					
Reviewer Company Name: MoF		Reviewed by - P Eng's Name (print): T. Miller					
Reviewed by - P Eng's Signature: [Signature]		Date Reviewed (yyyy/mm/dd): 2014/01/14					
P Eng Reviewer's Comments: Based on the record drawings provided by R. K. Sawatzky in 2012, the load rating is L75 or 68 tonnes.							

* Denotes Mandatory Information for Corporate Bridge Register Remove the beaver dam immediately upstream, post FS1337A HEG Oct. 18, 2010 load rating and bridge ahead signs, place fenders at approaches and add an additional 200mm gravel fill. Bottom stringers are in poor shape, replace entire structure soon.





CK-2262 From Left



CK-2262 From Downstream



CK-2262 New Deck



CK-2262 From Right



CK-2262 Gravel Fill (2)



CK-2262 From Upstream



CK-2262 Gravel Fill