



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2263		*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: 11.4		User Kilometres: 10.4	
*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: 553880	UTM Northing: 5482321	

*Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL	
*Structure # <u>CK-2263</u>	*Site #: <u>CK-2263</u>
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name: <u>SIDE CREEK</u>
*Forest District: <u>CHILLIWACK</u>	Management Area:
*Forest Service Road: <u>STAVE</u>	Kilometres: <u>11.4</u>
*Project File ID#: <u>8613</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>54</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>2015</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>2017</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]

11

Number of Piers:

6

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):

11.4

*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

*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

(enter either long/lat or UTM below – not both)

*Site #:

CK-2263

*Crossing Name:

Side Creek

*Type/Class:

☐ Major Culvert

☒ Woodbox/Log Culvert

*Project File ID#

8013

*Structure #:

CK-2263

*FSR Name:

Stave River

*Forest District:

Chilliwack

*Kilometres:

11.4

*Br.

OK

User km:

10.4

Longitude: (ddd / mm / ss.s)

Latitude: (ddd / mm / ss.s)

OR

UTM Zone

10

UTM Easting

553880

UTM Northing

5482321

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 G F P <u>None</u> UR	
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 G F <u>P</u> N/A UR	5x on left abutment. Top 16' has a large horizontal fracture starting from mid tip back up towards upstream. No change in 2013 from 2012.
Tie-backs	E G F <u>P</u> N/A UR	3x crushing and rotten
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 <u>N/A</u> <u>UR</u>	
Piles or Posts	E G F P <u>N/A</u> UR	
Ballast Wall	E G F P N/A <u>UR</u>	can't see
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	crib lashed at ends - loose
Fill	E <u>G</u> F P N/A UR	
Riprap	E G F P <u>N/A</u> UR	No riprap
Bearings	E G F <u>P</u> N/A UR	Due to left abutment crib
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	
Gravel Deck Depth	<u>0.6</u> metres or N/A	
Curb Rail/Blocks/Posts	E G F <u>P</u> UR	No fenders, no curbs
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	

FS1337A HEG Oct. 18, 2010

**Routine Condition Bridge Inspection Form**
(for log stringer or timber stringer bridges)**GENERAL INFORMATION***Site #: CK-2263*Structure #: CK-2263**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	No curb logs	
Needle Beams and Shims		E	G	F	P	N/A	(UR)	No needle beam
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 access
2		Y N						stringers at
3		Y N						opening point due
4		Y N						to beaver dam.
5		Y N						See previous inspection.
6		Y N						Assessed downstream
7		Y N						3 & left ends.
8		Y N						No change in 2010
9		Y N						inspection.
10		Y N						

Stream CHANNEL*Est. Present Water Level Depth 2.6 (m) *Est. Present Water Level Width 5.0 (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 ☐ NoComments Debris from beaver dam**REPAIRS:**☒ Recommended☐ Not required (H = High, M = Medium, L = Low)

Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	(H) M L	\$1.00	Install curb logs
2	(H) M L	\$1.00	Clear inlet so stringers can be assessed
3	(H) M L	\$1.00	Install bridge ahead signs

***Monitoring Status:**☐ Recommended☒ Not required

Monitor Item #	*Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
1	from right	5	left curb
2	from downstream	6	right abutment
3	from upstream	7	stringer
4	from left	8	left abutment

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? ☒ Yes ☐ No	P Eng Inspection Required? ☒ Yes ☐ No	Inspector's Estimate of Full Log Hauling Replacement Date (year): <u>2017</u>
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*Date of Inspection (yyyy/mm/dd) <u>2013/09/25</u>	*Inspection Company Name <u>BNSITE</u>	*Inspector's Name (print) <u>Jeremy Araki</u>	Inspector's Signature <u>J. C. ARAKI</u>
Inspector's Comments <u>It appears the structure has had some work done to it - more fill added and textile.</u>			

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 5 tonnes <small>(PEng to update structure details screen in CBR as required)</small>		Date of Next Planned Inspection (yyyy/mm/dd) After beaver dam removal	
Reviewer Company Name MoF	Reviewed by - PEng's Name (print) T. Miller	Reviewed by - PEng's Signature 	Date Reviewed (yyyy/mm/dd) 2014/01/09

P Eng Reviewer's Comments
Structure down rated to 5 tonnes until the beaver dam has been removed and a proper assessment

* Denotes Mandatory Information for Corporate Bridge Register of all the log stringers and crib can be completed.





CK-2263 From Right



CK-2263 From Downstream



CK-2263 From Upstream



CK-2263 From Left



CK-2263 Left Crib



CK-2263 Right Abutment



CK-2263 Stringer



CK-2263 Left Abutment