



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2266		*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: 16.8		User Kilometres:	
*Crossing Name: SIDE CRK		Close Proximity ☐ Yes ☐ No Inspection Required?	
*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: 552248	UTM Northing: 5486733	

*Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL	
*Structure # <u>CK-2266</u>	*Site #: <u>CK-2266</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: <u>16.8</u>
*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>2020</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]

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):

8

*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: old log bridge with new stringers over old.



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-2266

*Structure #: CK-2266

*FSR Name: Stave River

Longitude: (ddd / mm / ss.s)

Latitude: (ddd / mm / ss.s)

*Crossing Name:

*Forest District: Chilliwack

*Kilometres: 16.80

OR

UTM Zone: 10

UTM Easting: 552248

UTM Northing: 5486733

*Type/Class: ☐ Major Culvert
☒ Woodbox/Log Culvert

*Project File ID#: 8013

*Br: 01

User km: 16.80

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	0 1 <u>2</u>	There, but knocked down
Delineator Missing Right	0 1 <u>2</u>	There, but knocked down
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 Cribs	E G <u>F</u> P N/A UR	Open face
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 <u>F</u> P N/A UR	
Piles or Posts	E G F P <u>N/A</u> UR	
Ballast Wall	E G <u>F</u> P N/A 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 G <u>F</u> P N/A UR	
Riprap	E G F P <u>N/A</u> UR	
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	
Gravel Deck Depth	<u>0.3</u> metres or N/A	
Curb Rail/Blocks/Posts	E <u>G</u> F P UR	New logs and berm
Handrails/ Walkouts	E G F P <u>N/A</u> UR	
Hardware	E G <u>F</u> P N/A 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-2266

*Structure #: CK-2266

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	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						New stringers added. Cannot inspect as 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 0.0 (m) *Est. Present Water Level Width 0.0 (m) *Est. High Water Level Clearance 0.5 (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	\$1.00	Place load rating and bridge ahead signs
2	H M L	\$1.00	Replace missing delineators
3	H M L		Place log fenders

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

Monitor Item #	Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
1	From Left	5	Left Abutment
2	From Downstream	6	From Upstream
3	Leftover Stringer	7	Lower Stringers
4	From Right	8	Right Abutment

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 (P Eng to review and update inspector's estimate, and to update Replacement (year) on structure details screen in CBR as necessary)
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*Date of Inspection (yyyy/mm/dd) 2019/12/25	*Inspection Company Name ONSITE	*Inspector's Name (print) Jeremy Araki	Inspector's Signature # 29756 PROFESSIONAL ENGINEER BRITISH COLUMBIA
Inspector's Comments New stringers added - cannot inspect as they are buried.			

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 68 tonnes (PEng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd): 2014/09/30	
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

Based on the record drawings provided by R.K. Sawatzky the current load rating is L75 or 68 tonnes.

* Denotes Mandatory Information for Corporate Bridge Register Place load rating and bridge ahead signs. Replace missing FS1337A HEG Oct. 18, 2010 delineators and place log fenders.





CK-2266 From Left



CK-2266 From Downstream



CK-2266 Leftover Stringer



CK-2266 From Right



CK-2266 Left Abutment



CK-2266 From Upstream

CK-2266 Lower Stringers



CK-2266 Right Abutment