



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2267		*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: 19		User Kilometres:	
*Crossing Name: OLE CREEK		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: 550993	UTM Northing: 548815	

*Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL	
*Structure # CK-2267	*Site #: CK-2267
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name: DLE CREEK
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: STAVE	Kilometres: 17.8
*Project File ID#: 8013	*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>	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small> 68
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): 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> 2015
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]

13.5

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):

13.5

*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-2267	*Crossing Name: Ole Creek	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# 8013				
*Structure #: CK-2267			*Br. 61				
*FSR Name: Stave River	*Forest District: Chilliwack	*Kilometres: 19.00	User km: 17.8				
Longitude: (ddd / mm / ss.s)		OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)			10	550993	5488155		
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	0 <u>(1)</u> 2						
Delineator Missing Right	0 <u>(1)</u> 2						
Fender Condition	E G F P <u>(None)</u> UR						
Posted Load Rating	____ (tonnes) or None		Not posted				
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 F <u>(P)</u> N/A UR		Fair to poor, cracked top crib log				
Tie-backs	E G F <u>(P)</u> N/A UR		Fair to poor, 4x and crushing				
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 <u>(P)</u> N/A UR		Fair to poor				
Piles or Posts	E G F P <u>(N/A)</u> UR						
Ballast Wall	E G <u>(F)</u> P N/A UR		buried				
Wing Wall	E G F P <u>(N/A)</u> UR						
Bracing	E G <u>(F)</u> P N/A UR		Loose lashing				
Hardware	E G F P <u>(N/A)</u> UR						
Fill	E G <u>(F)</u> P N/A UR						
Riprap	E G F <u>(P)</u> N/A UR		none, 6 ft scour, right buried				
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 G F <u>(P)</u> UR		too low				
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 F <u>(P)</u> UR		fair to poor				

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

*Site #: CK-2267

*Structure #: CK-2267

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	too low		
Needle Beams and Shims	E	G	F	(P) N/A UR	loose and ineffective		
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					Order log bridge fill was removed and new stringers were installed and buried. Look for as-built information from contractor for stringer sizes, assume that IPP contractor did the work???
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 0.2 (m) *Est. Present Water Level Width 3 (m) *Est. High Water Level Clearance 0.2 (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	\$1.00	Post load rating and bridge ahead signs
2	(H) M L	\$1.00	replace missing delineators
3	(H) M L	\$1.00	place fenders

*Monitoring Status: ☒ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	cribs
2	

PHOTO LOG

Photo #	Description	Photo #	Description
1	from left	5	From Upstream
2	Cable in mid	6	Left abutment
3	From Downstream	7	Right Abutment
4	From Right	8	From Downstream (2)

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): 2018
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*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: 2 layers of logs, get record drawings			

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 63 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 record drawings provided by R. K. Sawatzky the load rating is BCL-625 or 63 tonnes.

* Denotes Mandatory Information for Corporate Bridge Register Post load rating and bridge ahead signs, replace FS1337A HEG Oct. 18, 2010 missing delineators and place fenders. The bottom row of stringers are in poor shape and the crib has a cracked top log on the left approach - both of which need to be monitored while in use. Plan for a complete replacement soon for continued industrial use.





CK-2267 From Left



CK-2267 Cable in Road



CK-2267 From Downstream



CK-2267 From Right



CK-2267 From Upstream



CK-2267 Left Abutment



CK-2267 Right Abutment



CK-2267 From Downstream (2)