



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2270		*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: 23.60		User Kilometres: 22.4	
*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: 547605	UTM Northing: 5490419	

*Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL	
*Structure # <u>CK-2270</u>	*Site #: <u>CK2270</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>22.4</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> <u>68</u>	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]

18.288

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):

18.288

*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):

4.9

*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 structure under

**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 2270	*Crossing Name: Side Creek	*Type/Class: ☒ Temporary bridge ☐ Permanent bridge	*Project File ID# 8013				
*Structure #: CK-2270			*Br. 01				
*FSR Name: Stave River	*Forest District: Chilliwack	*Kilometres: 23.6	User km: 22.4				
Longitude: (ddd / mm / ss.s)		OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)			10	547605	5490419		
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 <u>P</u> UR		Tight vertical - overtopper				
Bridge Ahead Signs Missing	0 1 <u>2</u>						
Brushing Required	Yes No						
Delineator Missing Left	0 1 <u>2</u>						
Delineator Missing Right	0 <u>1</u> 2						
Fender Condition	E G F <u>P</u> None UR		None				
Posted Load Rating	____ (tonnes) or None						
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 P <u>N/A</u> UR						
Tie-backs	E G F P <u>N/A</u> 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 <u>G</u> F P N/A UR		Sill timbers				
Piles or Posts	E G F P <u>N/A</u> UR						
Ballast Wall	E <u>G</u> F P N/A UR		Timber				
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		Lashed, some loose				
Fill	E <u>G</u> F P N/A UR						
Riprap	E <u>G</u> F P N/A UR						
Bearings	E G <u>F</u> P N/A UR		New bearing over old crib on two corners				
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 <u>G</u> F P N/A UR						
Sub-deck	E <u>G</u> F P N/A UR						
Ties	E <u>G</u> F P N/A UR						
Nails	E <u>G</u> F P N/A UR						
Deck to Girder Bolts	E <u>G</u> F P N/A UR		Tabs				
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 P <u>N/A</u> UR						
Gravel Deck Depth	____ metres or <u>N/A</u>						
Curb Rail/Blocks/Posts	E G <u>F</u> P UR		some damage to right downstream				
Handrails/ Walkouts	E G F P <u>N/A</u> UR						
Hardware	E <u>G</u> F P N/A UR						
Overall Deck Condition	E <u>G</u> F P UR						

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

GENERAL INFORMATION			
*Site #: <u>CC-7270</u>		*Structure #: <u>CC-7270</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P UR		
Diaphragms	E G F P <u>N/A</u> UR		
Bracing	E G F P <u>N/A</u> UR	<u>Cannot see between girders</u>	
Under-trussing	E G F P <u>N/A</u> UR		
Hardware	E G F P <u>N/A</u> UR		
Welded / Grouted Shear Connectors	E G F P <u>N/A</u> UR		
Stream CHANNEL			
*Est. Present Water Level Depth <u>4.3</u> (m)		*Est. Present Water Level Width <u>10.0</u> (m)	
		*Est. High Water Level Clearance <u>1.3</u> (m)	
HAZARDS (circle yes or no for each item)			
High Water?	Yes <u>No</u>	Scour?	Yes <u>No</u>
Ice?	Yes <u>No</u>	Debris?	Yes <u>No</u>
Aggradation?	Yes <u>No</u>		
Comments			
REPAIRS: ☐ Recommended ☒ Not required (H = High, M = Medium, L = Low)			
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H <u>M</u> L		post bridge ahead signs
2	H <u>M</u> L		replace missing delineators
3	H <u>M</u> L		place fenders at all corners
*Monitoring Status: ☐ Recommended ☒ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
1	Left end	5	From Right
2	Bridge ID	6	From Upstream
3	Right abutment	7	From Downstream
4	From left	8	Right bearing
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes <u>No</u>	
		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): <u>2020</u> (P Eng to review and evaluate Inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)	
*Date of Inspection (yyyy/mm/dd) <u>2013/09/25</u>	*Inspection Company Name <u>ONSITE</u>	*Inspector's Name (print) <u>Jeremy Araki</u>	Inspector's Signature 
Inspector's Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>TBD</u> (PEng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) <u>2015/09/30</u>	
Reviewer Company Name <u>MoF</u>	Reviewed by - PEng's Name (print) <u>T. Miller</u>	Reviewed by - PEng's Signature 	Date Reviewed (yyyy/mm/dd) <u>2014/01/14</u>
PEng Reviewer's Comments Send record and fabrication/shop drawings to CEG for an updated load rating. Post bridge ahead			
* Denotes Mandatory Information for Corporate Bridge Register signs, replace missing delineators, and place fenders at all 4 corners.			





CK-2270 Left Crib



CK-2270 Bridge ID



CK-2270 Right abutment



CK-2270 From left

SEP 25 2013



CK-2270 From Right



CK-2270 From Upstream



CK-2270 From Downstream



CK-2270 Right bearing