



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2264		*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:		User Kilometres: 12.05	
*Crossing Name: SIDE 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: 553114	UTM Northing: 5483793	

* Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL	
*Structure # CK-2264	*Site #: CK-2264
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name: SIDE CRK
*Forest District: CHILLIWA CK	Management Area:
*Forest Service Road: STAVE	Kilometres: 12.05
*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>
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):	*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: <div style="text-align: center; font-size: 1.5em;">1</div>	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] <div style="text-align: center; font-size: 1.5em;">7.5</div>
Number of Piers: <div style="text-align: center; font-size: 1.5em;">6</div>	Pier Type: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> ☐ Concrete ☐ Piles - Concrete ☐ Piles - Timber Treated ☐ Steel Column on Concrete Pad </div> <div style="width: 45%;"> ☐ Crib - Timber ☐ Piles - Steel ☐ Piles - Timber Untreated </div> </div>
Needle Beams? ☐ Yes ☒ No	Portable Structure? ☐ Yes ☒ No
Portable Superstructure Status: ☐ Installed ☐ Storage	

Portable Superstructure Storage Location:

*Bridge Length (metres): <div style="text-align: center; font-size: 1.5em;">7.5</div>	*Superstructure: <table style="width: 100%;"> <tr> <td>☐ Compo Girders</td> <td>☐ Concrete Box Beam</td> <td>☐ Rail Car</td> </tr> <tr> <td>☐ Concrete Cast in Place</td> <td>☐ Concrete I/T Beam</td> <td>☐ Other</td> </tr> <tr> <td>☐ Concrete Slab Girders</td> <td>☐ Glulam Girder</td> <td></td> </tr> <tr> <td>☒ Log Stringer</td> <td>☐ Steel Box Beam</td> <td></td> </tr> <tr> <td>☐ Steel I-Beam</td> <td>☐ Steel Truss/Bailey/Acrow</td> <td></td> </tr> <tr> <td>☐ Timber-Treated Stringers</td> <td>☐ Timber-Untreated Stringers</td> <td></td> </tr> </table>	☐ 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	
☐ Compo Girders	☐ Concrete Box Beam	☐ Rail Car																	
☐ Concrete Cast in Place	☐ Concrete I/T Beam	☐ Other																	
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☐ Timber-Treated Stringers	☐ Timber-Untreated Stringers																		

*Deck Type: <table style="width: 100%;"> <tr> <td>☐ Concrete</td> <td>☐ Concrete Composite</td> <td>☒ Gravel</td> </tr> <tr> <td>☐ Concrete Removable</td> <td>☐ Concrete - Steel Free</td> <td>☐ Steel</td> </tr> <tr> <td>☐ Timber-Treated</td> <td>☐ Timber-Untreated</td> <td>☐ Other</td> </tr> <tr> <td>☐ Timber-Treated Panels</td> <td>☐ Timber-Untreated Panels</td> <td></td> </tr> </table>	☐ Concrete	☐ Concrete Composite	☒ Gravel	☐ Concrete Removable	☐ Concrete - Steel Free	☐ Steel	☐ Timber-Treated	☐ Timber-Untreated	☐ Other	☐ Timber-Treated Panels	☐ Timber-Untreated Panels		*Deck Width (metres): <div style="text-align: center; font-size: 1.5em;">5</div>
☐ Concrete	☐ Concrete Composite	☒ Gravel											
☐ Concrete Removable	☐ Concrete - Steel Free	☐ Steel											
☐ Timber-Treated	☐ Timber-Untreated	☐ Other											
☐ Timber-Treated Panels	☐ Timber-Untreated Panels												

*Running Surface: <table style="width: 100%;"> <tr> <td>☐ Anti-Skid</td> <td>☐ Asphalt</td> <td>☐ Concrete</td> <td>☒ Gravel</td> </tr> <tr> <td>☐ Not Available</td> <td>☐ Timber Planks</td> <td></td> <td></td> </tr> </table>	☐ Anti-Skid	☐ Asphalt	☐ Concrete	☒ Gravel	☐ Not Available	☐ Timber Planks		
☐ Anti-Skid	☐ Asphalt	☐ Concrete	☒ Gravel					
☐ Not Available	☐ Timber Planks							

*Left Abutment: <ul style="list-style-type: none"> ☐ 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: <ul style="list-style-type: none"> ☐ 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
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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-2264	*Crossing Name: Side Creek	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# 8013				
*Structure #: CK-2264			*Br. 01				
*FSR Name: Stave River	*Forest District: Chinook	*Kilometres: 13.00	User km: 13.00				
Longitude: (ddd / mm / ss.s)		OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)			10	553114	5483793		
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 P UR						
Bridge Ahead Signs Missing	0 1 (2)						
Brushing Required	(Yes) No	Minor					
Delineator Missing Left	0 1 (2)						
Delineator Missing Right	0 (1) 2						
Fender Condition	E G F P (None) UR						
Posted Load Rating	(tonnes) or None	Not posted					
Road Surface	E (G) 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 Cribbs	E G (F) P N/A UR						
Tie-backs	E G (F) P N/A UR						
Bin Wall	E G F P (N/A) UR						
Concrete (cast in place; lock blocks, precast)	E G F P (N/A) UR						
Caps or Sills	E G (F) P N/A UR	Open faced, 2x left 3x right					
Piles or Posts	E G F P (N/A) UR						
Ballast Wall	E G (F) P N/A UR						
Wing Wall	E G F P (N/A) UR						
Bracing	E G F P (N/A) UR						
Hardware	E G (F) P N/A UR						
Fill	E G (F) P N/A UR						
Riprap	E G F P (N/A) UR						
Bearings	E G (F) P N/A UR						
Corrosion Protection	E G F P (N/A) UR						
Span 1 of (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 (N/A) UR						
Running Planks	E G F P (N/A) UR						
Sub-deck	E G F P (N/A) UR						
Ties	E G F P (N/A) UR						
Nails	E G F P (N/A) UR						
Deck to Girder Bolts	E G F P (N/A) UR						
Concrete Deck	E G F P (N/A) UR						
Grout Pockets	E G F P (N/A) UR						
Deck Joints	E G F P (N/A) UR						
Steel Deck Plate	E G F P (N/A) UR						
Gravel Surface	E G (F) P N/A UR						
Gravel Deck Depth	0.3 metres or N/A						
Curb Rail/Blocks/Posts	E G (F) P UR						
Handrails/ Walkouts	E G F P (N/A) UR						
Hardware	E G F P (N/A) UR						
Overall Deck Condition	E G (F) P UR						

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

*Site #: CK-2264

*Structure #: CK-2264

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	CW	(Y)	N				690	100	0	0	New stringers buried on top
2	CW	(Y)	N				670	100	0	0	
3	CW	(Y)	N				740	150	0	0	
4	CW	(Y)	N				580	160	0	0	
5	CW	(Y)	N				630	50	0	0	
6	CW	(Y)	N				560	50	0	0	
7	CW	(Y)	N				620	50	0	0	
8		(Y)	N								
9		(Y)	N								
10		(Y)	N								

Stream CHANNEL

*Est. Present Water Level Depth 0.1 (m)

*Est. Present Water Level Width 3.0 (m)

*Est. High Water Level Clearance 1.5 (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	Post load rating + bridge signs ahead
2	(H) M L	\$1.00	replace missing delineators
3	(H) M L	\$1.00	place fenders
4	(H) M L	\$1.00	brush

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

Monitor Item #	Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
1	Extra stringers	5	Left Abutment
2	Longer stringers	6	From Downstream
3	From left	7	From Upstream
4	From Right	8	Right abutment

INSPECTOR TO COMPLETE THIS SECTIONAs-built Drawings checked? Yes ☐ No ☒P Eng Inspection Required? Yes ☐ No ☒

Inspector's Estimate of Full Log Haul Traffic Replacement

Date (year): 2015
(P Eng to review and evaluate inspector's estimate, and to determine the Log Haul Traffic Replacement (year) on structure details screen in CBR)

*Date of Inspection (yyyy/mm/dd)

2013/09/25

*Inspection Company Name

ONSITE

*Inspector's Name (print)

Brenny Araki

Inspector's Signature

B. C. F. ARAKI # 29756

Inspector's Comments

2 layers of stringers on this structure. Get record drawing from CBR to update load rating.

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

Date Reviewed (yyyy/mm/dd)

2014/01/08

P Eng Reviewer's Comments

Based on the record drawings provided by R.K. Sawatzky in June 2012 the load rating is L75 or 68 tonnes.

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





CK-2264 Extra Stringers



CK-2264 Longer Stringers



CK-2264 From Left



CK-2264 From Right



CK-2264 Left Abutment



CK-2264 From Downstream



CK-2264 From Upstream



CK-2264 Right Abutment