BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

SITE INVENTORY DATA FORM

*Site # CK-2327	*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: 0	User Kilometres: 0
*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: 554575 UTM Northing: 5475398

*Denotes Mandatory Information for Corporate Bridge Register

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Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

GENERAL	
***Structure #** CK-2327	***Site #:** CK-2327
***Type/Class:** ☐ Permanent Bridge ☑ Temporary Bridge	**Crossing Name:** SIDE CRK
***Forest District:** CHILLIWACK	**Management Area:**
***Forest Service Road:** STAVE	**Kilometres:** 0
***Project File ID#:** 8013	***Br.** 01
Built For: ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder ☐ Operations Division ☐ Road Permit Holder	
***Source:** ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☑ New Structure ☐ Replacement Structure ☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries	
Year Built:	**Year Added to Inventory:**
Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR)	**Design Load Rating GVW (tonnes):** (Typically obtained from design drawings) 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): 2035	***Full Log Haul Traffic Replacement (year):** (PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR). ~~2022~~ 2035
Estimated Replacement Cost ($):	
Replacement Cost Comments:	

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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):** 7

***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:

BC Ministry of Forests and Range

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-2327 *Structure #: CK-2327	*Crossing Name: Side Creek	*Type/Class: ☐ Temporary bridge ☑ Permanent bridge	*Project File ID# 3603 *Br. 01
*FSR Name: Stave River	*Forest District: Chilliwack	*Kilometres: 0.00	User km: 0.00

Longitude: (ddd / mm / ss.s) _____ OR UTM Zone 10 | UTM Easting 554575 | UTM Northing 5475398

Latitude: (ddd / mm / ss.s) _____

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	
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)	
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 Cribs	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	Lock Blocks-3 high with anchors
Caps or Sills	E G (F) P N/A UR	Timbers, have fruiting bodies but still solid
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	Steel tie bags
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 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 (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	Clips
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	_____ 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	

BC Ministry of Forests and Range

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

GENERAL INFORMATION

*Site #:	*Structure #:
CK-2327	CK-2327

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E (G) F P UR	
Diaphragms	E (G) F P N/A UR	
Bracing	E (G) F P N/A UR	
Under-trussing	E G F P (N/A) UR	
Hardware	E (G) F P N/A UR	
Welded / Grouted Shear Connectors	E G F P (N/A) UR	

Stream CHANNEL

*Est. Present Water Level Depth	*Est. Present Water Level Width	*Est. High Water Level Clearance
0.2 (m)	30 (m)	2.9 (m)

HAZARDS (circle yes or no for each item))

High Water?	Scour?	Ice?	Debris?	Aggradation?
Yes No	Yes No	Yes No	Yes No	Yes No

Comments: Logs under bridge

REPAIRS: ☒ Recommended ☐ Not required (H = High, M= Medium, L = Low)

Repair Item #	*Priority (circle)	*Estimate ($)	*Repair Description
1	H (M) L		Post bridge ahead signs
2	H (M) L		Brush approaches
3	(H) M L		Remove debris under bridge and at outlet

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

Monitor Item #	*Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
1	From Right		
2	From Downstream		
3	From Left		

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?	P Eng Inspection Required?	Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):
Yes (No)	Yes (No)	2075

(PEng 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)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2013/09/25	CANSTTE	Jeremy Araki	

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA J. C. P. ARAKI # 29756

Inspector's Comments: 3 high blocks - looks good, no more scour

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): (PEng to update structure details screen in CBR as necessary)	Date of Next Planned Inspection (yyyy/mm/dd)
68 tonnes	2015/09/30

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MoF	T. Miller		2014/01/13

PEng Reviewer's Comments: Post bridge ahead signs, brush approaches, and remove debris underneath bridge and at outlet.

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Present load rating of L75 or 68 tonnes to continue.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA T. W. MILLER # 35995

CK-2327 From Right

CK-2327 From downstream

CK-2327 From Left

SEP 2 5 2013