ACTIVE (H) Sep 9

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure #	*Site #: CK-2271
*Type/Class: ☑ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: STAVE RIVER	Kilometres: 26.2
*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/ 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): (PEng to enter / update this value on structure details screen in CBR)	Design Load Rating GVW (tonnes): (Typically obtained from design drawings)

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): (PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).
Estimated Replacement Cost ($):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

#4 ACTIVE (H) Sep 9

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

STRUCTURAL DETAILS CK-2271

Number of Spans: 1	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]: 23.7
Number of Piers: —	Pier Type: ☐ Concrete ☐ Crib - Timber ☐ Piles - Concrete ☐ Piles - Steel ☐ Piles – Timber Treated ☐ Piles – Timber Untreated ☐ Steel Column on Concrete Pad

Needle Beams?	Portable Structure?	Portable Superstructure Status:
☐ Yes ☑ No	☐ Yes ☐ No	☐ Installed ☐ Storage

Portable Superstructure Storage Location:

*Bridge Length (metres):	*Superstructure:		
24.3 / 80'	☐ 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:			*Deck Width (metres):
☐ Concrete	☐ Concrete Composite	☐ Gravel	3.6
☐ Concrete Removable	☐ Concrete - Steel Free	☐ Steel	
☐ Timber-Treated	☑ Timber-Untreated	☐ Other	
☐ Timber-Treated Panels	☐ Timber-Untreated Panels		

***Running Surface:**
☐ Anti-Skid ☐ Asphalt ☐ Concrete ☐ Gravel
☐ Not Available ☑ Timber Planks

*Left Abutment:	*Right Abutment:
☐ Binwall	☐ Binwall
☐ Concrete Cast in Place	☑ Concrete Cast in Place
☐ Concrete Lock Blocks	☐ Concrete Lock Blocks
☐ Concrete Precast	☐ Concrete Precast
☐ Crib, Log or Untreated Timber	☐ Crib, Log or Untreated Timber
☐ Other	☐ Other
☐ Pile-Temporary Materials	☐ Pile-Temporary Materials
☐ Pile-Permanent Materials	☐ Pile-Permanent Materials
☐ Sill-Permanent Materials	☐ Sill-Permanent Materials
☐ Sill-Temporary Materials	☐ Sill-Temporary Materials
☑ Steel Pipe & Precast Pad	☐ 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-2271 *Structure #:	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☑ Permanent bridge	*Project File ID#: 8013 *Yr. 01
*FSR Name:	*Forest District: Chilliwack	*Kilometres:	User km:

Longitude: (ddd / mm / ss.s) 49 34. 20. 0 Latitude: (ddd / mm / ss.s) 122 22 03.1	OR	UTM Zone	UTM Easting	UTM Northing

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	LOCK BLOCKS & NO POST BARRIERS.
Posted Load Rating	_____ (tonnes) or (None)	NIT 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 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	RIGHT ABUT: CAST IN PLACE FOOTING.
Caps or Sills	E G F P (N/A) UR	
Piles or Posts	E (G) F P N/A UR	LEFT ABUT: PIPE PILES
Ballast Wall	E G (F) P N/A UR	TREATED TIMBER.
Wing Wall	E G F P (N/A) UR	
Bracing	E G F P N/A UR	? NOT VISBLE
Hardware	E G (F) P N/A UR	
Fill	E (G) F P N/A UR	
Riprap	E G F P (N/A) UR	BEDROCK CONTROLLED
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	TREATED 2" x 12" TIMBER
Sub-deck	E (G) F P N/A UR	2" TREATED TIMBER
Ties	E (G) F P N/A UR	8" x 10" TREATED
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	_____ metres or (N/A)	
Curb Rail/Blocks/Posts	E (G) F P UR	
Handrails/ Walkouts	E G F (P) N/A UR	NOT TO CODE
Hardware	E G (F) P N/A UR	TIMBER
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-2271	

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: 3.0 (m)	*Est. Present Water Level Depth: WIDTH 5 (m)	*Est. Present Water Level Depth: 4.2 (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

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

Repair Item #	*Priority (circle)	*Estimate ($)	*Repair Description
1	H M L		
2	H M L		
3	H M L		

*Monitoring Status: ☐ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	RIGHT TO LEFT		LEFT ABUT X 2
	LEFT TO RIGHT		UNDERNEATH
	UPSTREAM		DOWNSTREAM
	ABUT ABUT		

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)	(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
2010-09-09	Onsite Engineering	ALI SAEEDI	

Inspector's Comments: Ht.

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	2013/09/01

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MNRO	G. Dohm	Greg Dohm	2010/12/07

PEng Reviewer's Comments

* Denotes Mandatory Information for Corporate Bridge Register

CK2271 Right to left

CK2271 Left to right

CK2271 From upstream

CK2271 Right abutment

CK2271 Left abutment 2

CK2271 Left abutment

CK2271 Underneath

CK2271 From downstream