Aug 17 (2)

ACTIVE

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure #	*Site #: CK- 2287
*Type/Class: ☐ Permanent Bridge ☑ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: SILVER HOPE	Kilometres: 0.6
*Project File ID#: 8148	*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)
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

CK-2287

BC Ministry of Forests and Range

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]: 17.4
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): 20.0

*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): 3.1

*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-2287	*Crossing Name:	*Type/Class: ☑ Temporary bridge ☐ Permanent bridge	*Project File ID# 2148
*Structure #:			*Br. 01
*FSR Name: SILVER HOPE	*Forest District: Chilliwack	*Kilometres: 0.6	User km:

Longitude: (ddd / mm / ss.s) 49 09 29.0	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 121 19 43.3				

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	ON LEFT APPROACH
Brushing Required	(Yes) No	MINOR BRUSHING
Delineator Missing Left	0 (1) 2	
Delineator Missing Right	(0) 1 2	
Fender Condition	E G (F) P None UR	OLD LOG
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 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	
Caps or Sills	E G F P (N/A) UR	
Piles or Posts	E G F P (N/A) UR	
Ballast Wall	E (G) F P N/A UR	LOCK BLOCK.
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	CAST IN PLACE CONCRETE STEPS ON EAST APPROACH
Riprap	E G (F) P N/A UR	
Bearings	E G (F) P N/A UR	UPSTREAM, LEFT ABUT. THE FOOTING JUST BEARING EVEN OVER LOCK BLOCK.
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	2" x 10" TIMBER - UNTREATED
Sub-deck	E (G) F P N/A UR	4" x 10" TIMBER - UNTREATED.
Ties	E (G) F P N/A UR	4" x 10" TIMBER w/ 500mm C-C SPACING
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	TIMBER
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 #: CK-2287 | *Structure #:

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G F P UR	BAILEY BRIDGE
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 0.4 (m) | *Est. Present Water Level Width 8 (m) | *Est. Present Water Level Depth 2.2 (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)		INSTALL DELINEATOR.
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
	LEFT TO RIGHT		LOOK ACROSS ON RIGHT ABUT x3
	RIGHT TO LEFT		FROM UPSTREAM
	FROM DOWN STREAM		RIGHT ABUT
	LEFT ABUT		LEFT ABUT
			UNEVEN BEARING x3

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):
(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
2010-08-17	Onsite Engineering Ltd	Ali Sadeghi	

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 68
(PEng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd) 2011/09/01

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

PEng Reviewer's Comments: Load rating to be L75 or 68 tonnes upon regrouting base plates at bridge abutment supports.

* Denotes Mandatory Information for Corporate Bridge Register

CK2287 Left to right

CK2287 Right to left

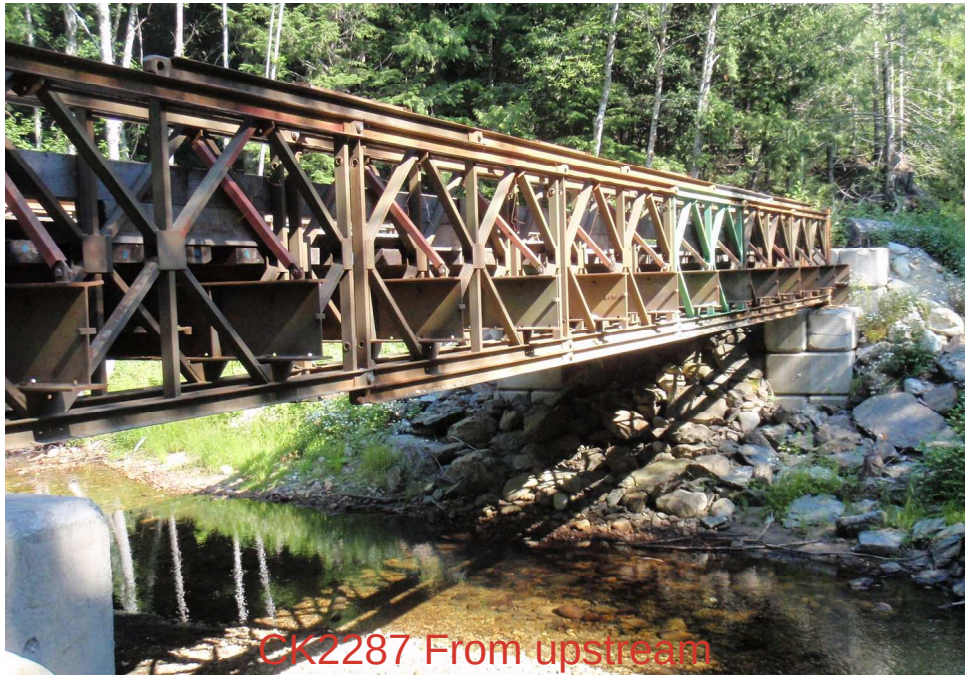
CK2287 From downstream

CK2287 Right abutment

CK2287 Poor lock block right abutment

CK2287 Poor lock block right abutment2

CK2287 Poor lock block right abutment 3



CK2287 From upstream

CK2287 Poor bearing upstream left abutment

CK2287 Poor bearing upstream left abutment 2

CK2287 Poor bearing upstream left abutment 3

CK2287 Left abutment