ACTIVE

Sep 3
(3)

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure #	*Site #: CK - 2380
*Type/Class: ☑ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: CHEHALIS - FLEETWOOD	Kilometres: 12
*Project File ID#: 824	*Br. 08

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

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STRUCTURAL DETAILS

Number of Spans: 1

Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]: 26.7

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?
- ☐ Yes
- ☑ No

Portable Structure?
- ☐ Yes
- ☑ No

Portable Superstructure Status:
- ☐ Installed
- ☐ Storage

Portable Superstructure Storage Location:

*Bridge Length (metres): 27.4m (90')

*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): 4.7

*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- 2380	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☑ Permanent bridge	*Project File ID: 8241
*Structure #:			*Br. 12
*FSR Name: CHILLIWACK LAKE - FLEETWOOD	*Forest District: Chilliwack	*Kilometres: 12	User km:

Longitude: (ddd / mm / ss.s) 49 23 24.8	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 122.01 17.1				

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	LOG
Posted Load Rating	_____ (tonnes) or (None)	NOT POSTED
Road Surface	E (G) F P UR	RECENTLY GRADED.

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	PRECAST
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	RUBBER PADS BULGING
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	MINOR TRACK VEHICLE DAMAGE
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	9 X CONCRETE COMP.
Grout Pockets	E G (F) P N/A UR	
Deck Joints	E G (F) P N/A UR	SOME CRACKS IN JOINTS
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	BRAND NEW TIMBER. RISERS & COLUMNS = TREATED 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	

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GENERAL INFORMATION

*Site #: CK-2380 | *Structure #:

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E (G) F P UR	2x STEEL I-BEAM
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 0.3 (m) | *Est. Present Water Level Depth W/BDH 10 (m) | *Est. Present Water Level Depth 4 (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		ACTIVE HUALING ON ROAD. INSTALL LOAD LIMIT SIGNS
2	(H) M L		NARROW STRUCTURE SIGNS.
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.
	LEFT TO RIGHT		BUDGING BARS
	FROM UPSTREAM		FROM DOWNSTREAM
	RIGHT ABUT		

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
2010-09-03	Onsite Engineering Ltd	Ali Sadeghi	[signature]

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): unknown (PEng to update structure details screen in CBR as necessary) | Date of Next Planned Inspection (yyyy/mm/dd) 2012/09/01

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's	Date Reviewed (yyyy/mm/dd)
Onsite Engineering LTD MNRO	G. Dohm	Greg Dohm	2010/12/09

PEng Reviewer's Comments Please send as-built drawings to Region for load rating.

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CK2380 Right to left

CK2380 Left to right

CK2380 From upstream

CK2380 Right abutment

CK2380 Buldging rubber pads

CK2380 Buldging rubber pads 2

CK2380 Left abutment

CK2380 Buldging rubber pads 3

CK2380 From downstream