CH
Aug 13

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure #	*Site #: CK- 2085
*Type/Class: ☑ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: CHILLIWACK SOUTH	Kilometres: 01
*Project File ID#: 5127	*Br. 26

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-2085 ACTIVE

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STRUCTURAL DETAILS

Number of Spans: 1	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]: 34.2
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): 34.8

*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): 4.3

*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 - 2085 *Structure #:	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# 5127 *Br. 26
*FSR Name: CHILLIWACK SOUTH	*Forest District: Chilliwack	*Kilometres: 0.1	User km:

Longitude: (ddd / mm / ss.s) 49 05 46.9	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 121 31 56.5				

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	TIMBER
Posted Load Rating	_____(tonnes) or None	NOT POSTED
Road Surface	E G (F) (P) UR	SOME PUT HOLES

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	CAST IN PLACE FOOTING.
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	
Wing Wall	E (G) F P N/A UR	CAST IN PLACE
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 ___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	FEW RUNNING BOARDS WILL REQUIRE REPLACEMENT SOON.
Running Planks	E G (F) P N/A UR	FEW ROTTEN.
Sub-deck	E G (F) P N/A UR	TIMBER TREATED
Ties	E (G) F P N/A UR	TIMBER 200 x 300 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	
Hardware	E (G) F P N/A UR	
Overall Deck Condition	E (G) (F) P UR	

↓ [X] 300 mm
200 mm

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GENERAL INFORMATION

*Site #: CK-2085 | *Structure #:

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G (F) P UR	2 x I-BEAM STEEL
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 1.2 (m) | *Est. Present Water Level Depth WIDTH 32 (m) | *Est. Present Water Level Depth HW) CLEAR. 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		LOAD LIMIT SIGN
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 AWAY BANK PLANKS		RIGHT ABUT
	LEFT TO RIGHT FROM UPSTREAM		LEFT ABUT FROM DOWNSTREAM

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
2010-08-13	Onsite Engineering Ltd	Ali Sadeghi	

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 91 (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 Signature	Date Reviewed (yyyy/mm/dd)
MNRO Onsite Engineering LTD	G. Dohm		2010/11/23

PEng Reviewer's Comments: Repair rotten deck planks. Continue with current load rating of ~~L100 or~~ 91 tonnes. Please post.

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CK2085 Right abutment

CK2085 Left abutment

CK2085 Left to right

CK2085 From downstream

CK2085 Right to left

CK2085 From upstream

CK2085 Rotten plank