ACTIVE

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

GENERAL

*Structure #	*Site #: CK - 2175
*Type/Class: ☑ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: LOST MURDO	Kilometres: 1.2
*Project File ID#: 8466	*Br. 02

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 2175 L-5

BC Ministry of Forests and Range

Bridge Register

Structure Inventory Data Form
BRIDGES

STRUCTURAL DETAILS

Number of Spans: 1

Needle Beams? ☐ Yes ☑ No

Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] 9.5

Portable Structure? ☐ Yes ☑ No

Portable Superstructure Status: ☐ Installed ☐ Storage

Portable Superstructure Storage Location:

***Bridge Length (metres):** 10.4

***Superstructure:**

- ☐ Compo Girders
- ☐ Concrete Box Beam
- ☐ Concrete Cast in Place
- ☐ Concrete I/T Beam
- ☐ Concrete Slab Girders
- ☐ Glulam Girder
- ☐ Log Stringer
- ☐ Other
- ☐ Rail Car
- ☐ Steel Box Beam
- ☑ Steel I-Beam
- ☐ Steel Truss/Bailey/Acrow
- ☐ Timber-Treated Stringers
- ☐ Timber-Untreated Stringers

***Deck Type:**

- ☐ Concrete
- ☐ Concrete Composite
- ☐ Concrete Removable
- ☐ Gravel
- ☐ Other
- ☐ Steel
- ☐ Steel Free
- ☐ Timber-Treated
- ☐ Timber-Treated Panels
- ☐ Timber-Untreated
- ☑ Timber-Untreated Panels

***Deck Width (metres):** 4.1

***Running Surface:**

- ☐ Anti-Skid
- ☐ Asphalt
- ☐ Concrete
- ☐ Gravel
- ☐ N/A
- ☑ Timber Planks

***Left Abutment:**

- ☐ Binwall
- ☐ Concrete Cast in Place
- ☐ Concrete Lock Blocks
- ☐ Concrete Precast
- ☑ Crib, Log or Timber
- ☐ Other
- ☐ Pile-Temporary Materials
- ☐ Pile-Permanent Materials
- ☐ Sill-Permanent Materials
- ☐ Sill-Temporary Materials
- ☐ Steel Pipe & Precast Pat

***Right Abutment:**

- ☐ Binwall
- ☐ Concrete Cast in Place
- ☐ Concrete Lock Blocks
- ☐ Concrete Precast
- ☑ Crib, Log or Timber
- ☐ Other
- ☐ Pile-Temporary Materials
- ☐ Pile-Permanent Materials
- ☐ Sill-Permanent Materials
- ☐ Sill-Temporary Materials
- ☐ Steel Pipe & Precast Pat

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 – not both)

Site # CK2175			Structure #		
FSR Name LOST MUKDO	User km 1.2	Project File ID 84486		Branch 62	
Longitude: (ddd / mm / ss.s) 49 17 39.1 OR		UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) 122 13 34.4					

LEFT/RIGHT APPROACHES (as seen facing downstream)

E = excellent; G = good; F = fair; P = poor; N/A = not appl.

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G (F) P	
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	OLD LOGS
Posted Load Rating (tonnes)	4.5	
Road Surface	E G F (P)	ROAD BADLY RUTED UP TO CROSSING. CONSIDER GRADING ROAD

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	OLD CRIB. 3x CLOSED FACED
Tie-backs	E G (F) P N/A	3x TIEBACKS OLD & SOME ROT
Bin Wall	E G F P (N/A)	
Precast Concrete	E G F P (N/A)	
Caps or Sills	E G (F) P	
Piles or Posts	E G F P (N/A)	
Ballast Wall	E G (F) P	
Wing Wall	E G F P (N/A)	
Bracing	E G F P (N/A)	
Hardware	E G F P (N/A)	
Fill	E G (F) P	
Riprap	E G F (P) N/A	ABUTMENTS ARE BEING HEAVILY SCOURED
Bearings	E G (F) P	
Corrosion Protection	E G F P (N/A)	

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	E G F (P)	CROSS TIES + RUNNING PLANKS ROTTEN
Running Planks	E G F (P) N/A	ROTTEN TIMBER
Sub-deck	E G F (P) N/A	ROTTEN "
Ties	E G F (P) N/A	ROTTEN "
Nails	E G F (P) N/A	SOME STICKING OUT
Deck to Girder Bolts	E G (F) P N/A	
Concrete Deck	E G F P (N/A)	
Grout Pockets	E G F P (N/A)	
Deck Joints	E G F P (N/A)	
Anti-skid Surface	E G F P (N/A)	
Gravel Surface	E G F P (N/A)	
Curb Rail/Blocks/Posts	E G F (P)	ROTTEN
Handrails/ Walkouts	E G F P (N/A)	
Hardware	E G (F) P N/A	
Overall Deck Condition	E G F (P)	

BC Ministry of Forests and Range

Routine Condition Bridge Inspection Form
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GENERAL INFORMATION

Site # CK3175 | Structure #

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G (F) P	2 x STEAL I-BEAMS
Diaphragms	E G F P (N/A)	
Bracing	E G (F) P N/A	
Under-trussing	E G F P (N/A)	
Hardware	E G (F) P N/A	
Cracks/Checks in Glulam Girders	E G F P (N/A)	
Concrete	E G F P (N/A)	
Shear Connectors	E G F P (N/A)	
Grout Pockets	E G F P (N/A)	

CHANNEL

Est. Present Water Level Depth (m) 0.1 | Est. Present Water Level Width (m) 1.5 | Est. High Water Level Clearance (m) 1.5

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 Scour Damage to both abutments

REPAIRS (H = High, M= Medium, L = Low)

#	Priority (circle)	Estimate ($)	Description
1	(H) M L		REPLACE STRUCTURE PRIOR TO INDUSTRIAL ACTIVITY.
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	MONITOR SCOUR DAMAGE ANNUALLY TO ENSURE CRIB IS NOT DAMAGED.
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	LEFT TO RIGHT		LEFT ABUT
	RIGHT TO LEFT		SCOUR DAMAGE x 7
	FROM UPSTREAM		BIKE
	RIGHT ABUT		FROM DOWNSTREAM

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes (No) | P Eng Inspection Required? Yes (No) | Date of Inspection (yyyy/mm/dd) 2010-08-11

Inspection Company Name: Onsite Engineering ltd | Inspector's Name (print): Ali Sadeghi | Inspector's Signature: A

Comments: LS LOADING TO REMAIN.

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 5 | Date of Next Inspection 2011/09/01

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MNRO	G. Dohm	Greg Dohm	2010/12/01

Comments

CK2175 Left to right

CK2175 Right to left

CK2175 From upstream

CK2175 Right abutment

CK2175 Left abutment

CK2175 Scour damage

CK2175 Scour damage2

CK2175 Scour damage3

CK2175 Scour damage4

CK2175 Scour damage5

CK2175 Scour damage6

CK2175 Garbage in Creek

CK2175 Scour damage7

CK2175 From downstream