ACTIVE

(4)
Aug 19

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure #	*Site #: OK - 2200
*Type/Class: ☐ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: NEVATLATCH - KOOKIPI	Kilometres: 0.8
*Project File ID#: 69916	*Br. 62
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 2200

25
17.3

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

STRUCTURAL DETAILS

Number of Spans: 2	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] 34.0, 8.3
Number of Piers: 1	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:		
42.3	☐ 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	
☐ 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 - 2200 *Structure #:	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☐ Permanent bridge	*Project File ID# 6996 *Br. 02
*FSR Name: NEHATLATCH - KOOKIPI	*Forest District: Chilliwack	*Kilometres: 0.1	User km:

Longitude: (ddd / mm / ss.s) 50 00 243 OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 121 38 29.9			

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	TIGHT HORIZONTAL ANGLE.
Bridge Ahead Signs Missing	0 1 (2)	ONLY ONE NEEDED, VERY CLOSE TO JCT.
Brushing Required	(Yes) No	MINOR
Delineator Missing Left	0 (1) 2	
Delineator Missing Right	(0) 1 2	
Fender Condition	E G (F) P None UR	OLD LOGS
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	STEEL CAPS.
Piles or Posts	E (G) F P N/A UR	H-PILES.
Ballast Wall	E (G) F P N/A UR	PRECAST CONCR.
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	SMALL SCOUR BETWEEN PIER & RIGHT ABUT.
Bearings	E (G) F P N/A UR	
Corrosion Protection	E G F P (N/A) UR	

Span 1 of 2 (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	SOME WEAR.
Sub-deck	E G (F) P N/A UR	TREATED SUBDECK
Ties	E G (F) P N/A UR	TREATED TIES
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	MID SPAN UPSTREAM RAIL VERY LOOSE.
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 #:	*Structure #:
CK 2200	

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	*Est. Present Water Level Depth	*Est. Present Water Level Depth
1.5 (m)	WIDTH 20 (m)	HW 2.5 (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		POST LOAD LIMIT
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		RIGHT PIER
	LEFT TO RIGHT		
	FROM UPSTREAM		DIGITAL
	LEFT ABUT		RIGHT ABUT. x2

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
2010-08-19	Onsite Engineering Ltd	Ali Sadeghi	

Inspector's Comments

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)
54	2012/09/01

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Sign:	Date Reviewed (yyyy/mm/dd)
MNRO Onsite Engineering LTD	G. Dohm	Greg Dohm	2010/12/02

PEng Reviewer's Comments

* Denotes Mandatory Information for Corporate Bridge Register

BC Ministry of Forests and Range

Routine Condition Bridge Inspection Form
(except for log stringer or timber stringer bridges)

USE THIS SHEET FOR ADDITIONAL SPANS

GENERAL INFORMATION

Site # CK 22-00 | Structure #

Span 2 of 2 (spans are numbered consecutively starting from the left abutment)

DECK

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface	E G F P	
Running Planks	E G F P N/A	
Sub-deck	E G F P N/A	
Ties	E G F P N/A	
Nails	E G F P N/A	
Deck to Girder Bolts	E G F P N/A	SAME AS SPAN 1
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	
Handrails/ Walkouts	E G F P N/A	
Hardware	E G F P N/A	
Overall Deck Condition	E G F P	

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G (F) P	STEEL - 1 - BEAM X2
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)	

PIER 1 of 1 (piers are numbered consecutively starting from the left abutment)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Caps	E (G) F P	STEEL CAP
Piles or Posts	E (G) F P N/A	H-PILES.
Concrete	E G F P (N/A)	
Bracing or Sheathing	E (G) F P N/A	
Cribs	E G F P (N/A)	
Hardware	E G F P (N/A)	
Rip Rap	E G F P (N/A)	
Dolphins	E G F P (N/A)	
Bearings	E (G) F P N/A	WELDED.
Overall	E (G) F P N/A	

CK2200 Right to left

CK2200 Left to right

CK2200 From upstream

CK2200 Left abutment

CK2200 Pier 1

CK2200 Right abutment 2

CK2200 Pier 1 I

CK2200 Right abutment

ACTIVE

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure #	*Site #: CK - 2201
*Type/Class: ☑ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: NEWATLATCH KOOKIPI	Kilometres: 3-2
*Project File ID#: 6996	*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 2201

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

STRUCTURAL DETAILS

Number of Spans:	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]
1	20.6

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):** 21.4

***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):** 3.9

***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 #: CIC 2201 *Structure #:	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☑ Permanent bridge	*Project File ID# 6996 *Br. 02
*FSR Name: NEHATCATCH KOOKIP	*Forest District: Chilliwack	*Kilometres: 3.2	User km:

Longitude: (ddd / mm / ss.s) 49 58 54.8 Latitude: (ddd / mm / ss.s) 121 38 53.7	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	OLD LOGS
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	CAST IN PLACE CAPS
Piles or Posts	E G F P (N/A) UR	
Ballast Wall	E (G) F P N/A UR	CAST IN PLACE
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	
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	TIMBER
Running Planks	E G F (P) N/A UR	SOME PLANKS NEED TO BE REPLACED. DEBRI ON BRIDGE.
Sub-deck	E G (F) P N/A UR	TIMBER
Ties	E G (F) P N/A UR	TREATED TIES.
Nails	E G F (P) N/A UR	SOME STICKING OUT.
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	ROTTEN RAIL & RISERS
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 2201 | *Structure #:

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E (G) F P UR	2 x STEEL I-BEAM
Diaphragms	E G F P (N/A) UR	NONE OF THE BOTTOM BRACING IS BADLY DAMAGED.
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 1.5 (m) | *Est. Present Water Level Depth 1.2 (m) | *Est. Present Water Level Depth 0.5 (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 Evidence of High water

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

Repair Item #	*Priority (circle)	*Estimate ($)	*Repair Description
1	(H) M L		POST STRUCTURE LOAD LIMIT
2	(H) M L		REPLACE RAIL PRIOR TO ANY INDUSTRIAL ACTIVITY
3	(H) M L		REPLACE ROTTEN & DAMAGED TIMBER PANELS PRIOR TO ANY INDUSTRIAL ACTIVITY.

*Monitoring Status: ☐ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	RIGHT TO LEFT		RIGHT ABUT. X 2
	RAIL DAMAGE		LEFT ABUT X 2
	ROTTEN DECK X4		FROM UPSTREAM.
	FROM DOWN STREAM		

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
2010-08-19	Onsite Engineering Ltd	Ali Sadeghi	

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 54 (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		2010/12/02

PEng Reviewer's Comments: Repair damaged and rotting curbs.

* Denotes Mandatory Information for Corporate Bridge Register

CK2201 Right to left

CK2201 Damage deck

CK2201 Damage deck 2

CK2201 Damage deck 3

CK2201 Damage deck 4

CK2201 Left to right

CK2201 Damage rail

CK2201 From downstream

CK2201 Right abutment

CK2201 Right abutment 2

CK2201 Damage cross tie

CK2201 Left abutment

CK2201 Left abutment 2

CK2201 From upstream

(H)

Sept

OBSTRUCTED

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

#1

GENERAL	
*Structure #	*Site #: CK- 2202
*Type/Class: ☑ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: NEHATLATCH - KOOPI	Kilometres: 15.8
*Project File ID#: 6996	*Br. 02

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

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "BRIDGES"

CK-2202

STRUCTURAL DETAILS

Number of Spans: 1

Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]: 18.5

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):** 24.3 (80')

***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):** 3.8

***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-2202	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID#: 6996
*Structure #:			*Br. 02
*FSR Name: NEHA WATCH - KOOKPI	*Forest District: Chilliwack	*Kilometres: 15.8	User km:

Longitude: (ddd / mm / ss.s) 49 53 09.7	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 121 42 51.0				

LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unraled

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	

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	TREATED 6" x 12" TIMBER.
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	RUSTED PINS.
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	3" x 10" TIMBER.
Sub-deck	E (G) F P N/A UR	4" TREATED TIMBER
Ties	E (G) F P N/A UR	8" x 12" TREATED TIMBER
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	BIT LOOSE
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 2202	

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E (G) F P UR	2x STEEL I-BEAMS.
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	WELDED CONNECTION GOOD

Stream CHANNEL

*Est. Present Water Level Depth	*Est. Present Water Level Depth	*Est. Present Water Level Depth
0.5 (m)	Width 6 (m)	HW 3.0 (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		RIGHT AREA
	LEFT TO RIGHT		LEFT AREA
	UPSTREAM		APPROACH
	DOWNSTREAM		

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
2010-09-07	Onsite Engineering Ltd	Ali Sadeghi	

Inspector's Comments

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)
91	2012/09/01

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Sign	Date Reviewed (yyyy/mm/dd)
Onsite Engineering LTD MNRO	G. Dohm		2010/12/02

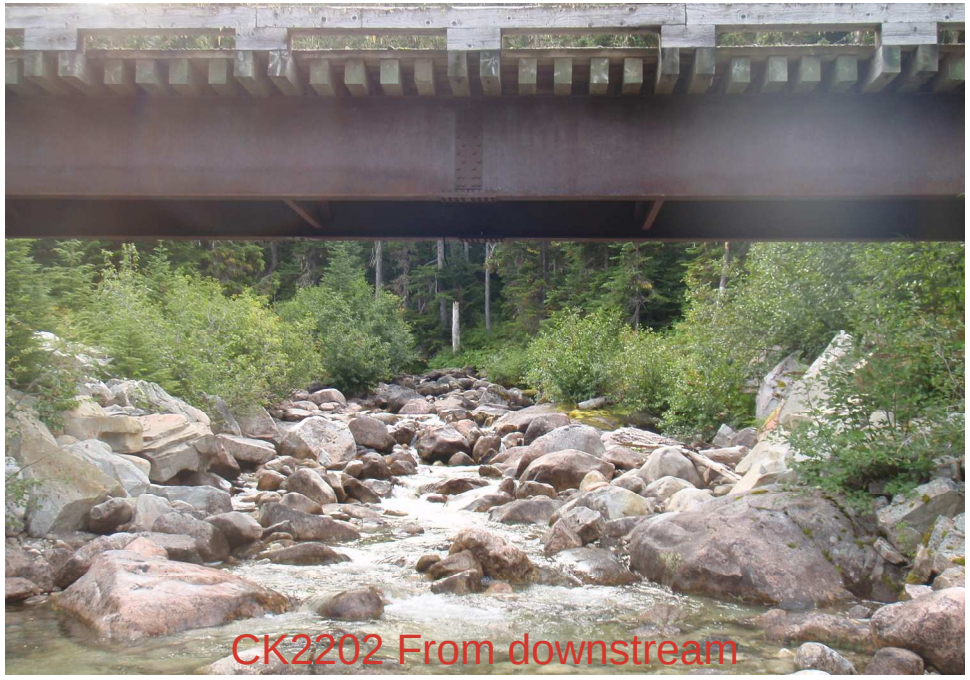
PEng Reviewer's Comments

* Denotes Mandatory Information for Corporate Bridge Register

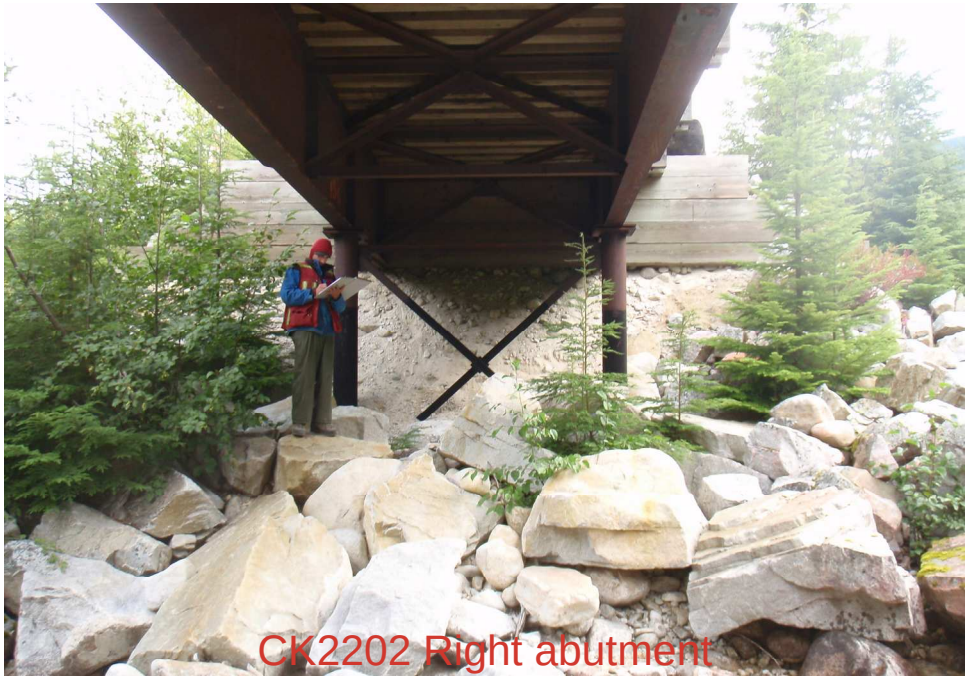
CK2202 Right to left

CK2202 Left to right

CK2202 From upstream



CK2202 From downstream



CK2202 Right abutment

CK2202 Left abutment

CK2202 Underneath