CK 2165 ACTIVE

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]: 31.7

Portable Structure? ☐ Yes ☑ No

Portable Superstructure Status: ☐ Installed ☐ Storage

Portable Superstructure Storage Location:

***Bridge Length (metres):** 32.3

***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):** 4.9

***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 # CK2165		Structure #			
FSR Name LOST CRK FSR	User km 22	Project File ID 84466		Branch 01	
Longitude: (ddd / mm / ss.s) 117 48.5 OR		UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) 122 13 58.4					

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	TIGHT HORIZONTAL CURVE
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	CONCRETE NO POST BARRIERS
Posted Load Rating (tonnes)	68.04	
Road Surface	E G (F) P	SMALL POT 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)	
Tie-backs	E G F P (N/A)	
Bin Wall	E G F P (N/A)	
Precast Concrete	E G F P (N/A)	
Caps or Sills	E G (F) P	NONE
Piles or Posts	E (G) F P N/A	PIPE PILES ON SPREAD FOOT.
Ballast Wall	E (G) F P	PRECAST CONCRETE
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	VERY ACTIVE CHANNEL
Bearings	E (G) F P	RUBBER PADS
Corrosion Protection	E G (P) 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	
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)	
Concrete Deck	E G (F) P N/A	SOME DAMAGE FROM TRACK VEHICLES
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)	RAIL ON UPSTREAM FAIRLY LOOSE DUE TO ROTTED BLOCK PIECES
Handrails/ Walkouts	E G F P (N/A)	
Hardware	E (G) F P N/A	
Overall Deck Condition	E G (F P)	MONITOR RAILS

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Routine Condition Bridge Inspection Form
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GENERAL INFORMATION

Site # CK 21165 | Structure #

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E (G) F P	
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) 0.4 | Est. Present Water Level Width (m) 5.0 | Est. High Water Level Clearance (m) 2.0

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

#	Priority (circle)	Estimate ($)	Description
1	H M L		
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	MONITOR RAILS. IF BECOME TOO LOOSE REPAIR IMMIDIATELY
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	LEFT TO RIGHT		FROM UPSTREAM
			RIGHT ABUT
			FROM DOWNSTREAM
	LEFT ABUT.		DIRECTLY ON SPILLED FOOT.

RIGHT TO LEFT

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?	P Eng Inspection Required?	Date of Inspection (yyyy/mm/dd)
Yes (No)	Yes (No)	2010-08-09

Inspection Company Name	Inspector's Name (print)	Inspector's Signature
Onsite Engineering Ltd.	ALI SADEGHI	

Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 68 | Date of Next Inspection 2013/09/01

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MNRO	G. Dohm		2010/11/30

Comments

CK2165 Rotten rail

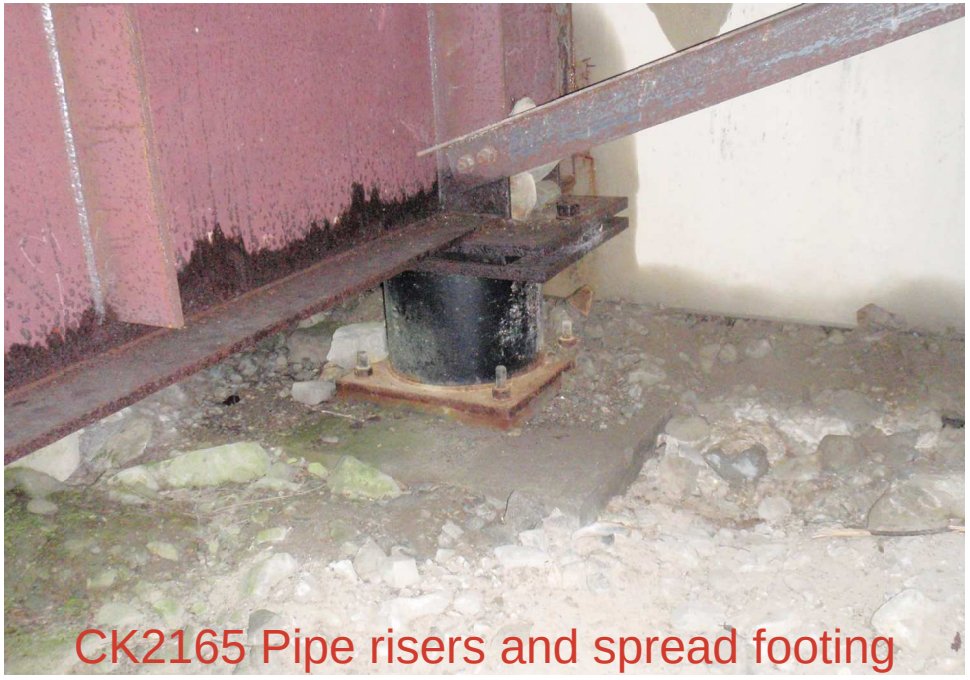
CK2165 Left to right

CK2165 Right to left

CK2165 Load limit sign

CK2165 Right abutment

CK2165 Left abutment



CK2165 Pipe risers and spread footing

CK2165 From upstream

CK2165 From downstream