ck 2044

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]: 24.2m

Portable Structure? ☐ Yes ☑ No

Portable Superstructure Status: ☐ Installed ☐ Storage

Portable Superstructure Storage Location:

***Bridge Length (metres):** 26.8 m

***Superstructure:**

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

***Deck Type:**

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

***Deck Width (metres):** 4.3

***Running Surface:**

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

***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 # CK2044		Structure # CK2044		
FSR Name Chehalis-Mystery Creek	User km 0.01	Project File ID 3241		Branch 11
Longitude: (ddd / mm / ss.s) 121 59 59.7 **OR**		UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 49 28 28.3				

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)	Good Woods Appr. Poor Camp Approach; on a sharp corner to bridge.
Bridge Ahead Signs Missing	0 1 (2)	
Brushing Required	(Yes) No	Minor Brushy Required
Delineator Missing Left	0 1 (2)	
Delineator Missing Right	0 (1) 2	Remaining delineator damaged
Fender Condition	E G (F) P None	Missing Camp D/S, wood side U/S
Posted Load Rating (tonnes)	—	Missing Sign
Road Surface	E G (F) P	Minor Potholes on camp approach

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	
Piles or Posts	E (G) F P N/A	Pipe risers on precast spread footing
Ballast Wall	E (G) F P	Precast Concrete
Wing Wall	E G F P (N/A)	
Bracing	E (G) F P N/A	Some rust.
Hardware	E (G) F P N/A	
Fill	E G (F) P	U/S wood side scouring. Boulder Keeping fill in place, D/S Camp Site Scouring.
Riprap	E (G) (F) P N/A	rip rap on wood scouring
Bearings	E (G) F P	Rubber Bearing Pads
Corrosion Protection	E G (F) P N/A	Starting to peel away

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)	Damaged + Rotten Runny Surface
Running Planks	E G F (P) N/A	Replace U/S + D/S Runny Planks 3" untreated
Sub-deck	E G F (P) N/A	Rotten. Timber 4" Untreated.
Ties	E G F (P) N/A	55/80 Ties are partially or fully rotten. Fruity bodies present on cross ties
Nails	E G (F) P N/A	Rusty + Loose
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	Timber Untreated
Handrails/ Walkouts	E G F P (N/A)	
Hardware	E G (F) P N/A	
Overall Deck Condition	E G F (P)	See note about crossties, runny surface + subsurface.

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GENERAL INFORMATION

Site # CK2044 | Structure # CK2044

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G (F) P	Rusty
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) 13.6 | Est. High Water Level Clearance (m) 2.2

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		Cross ties + runway surface needs to be replaced!
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	camp to wood		Damaged subdeck
	u/s		Damaged subdeck cross ties
	d/s		Faint body on cross tie
	Tie 4+5		Damaged Cross tie

CAMP = RIGHT
WOODS = LEFT

Camp Abut
Wood Abut
From d/s
DAM. Running Surf.
CAMP ABUT

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?	P Eng Inspection Required?	Date of Inspection (yyyy/mm/dd)
Yes (No)	Yes No	2009-10-06

Inspection Company Name	Inspector's Name (print)	Inspector's Signature
Forsite Engineering & Geoscience LTD.	Ali Sadeghi	

Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): L45 | Date of Next Inspection

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
	L. Stevanovic	Digitally signed by L. Stevanovic Date: 2010.01.13 13:29:36 -08'00'	

Comments: Restricted to 5t due to rotten deck and cross ties.