ck 2182

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] 24.4

Portable Structure? ☑ Yes ☐ No

Portable Superstructure Status: ☑ Installed ☐ Storage

Portable Superstructure Storage Location:

***Bridge Length (metres):** 24.4

***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):** 4.9

***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

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

GENERAL INFORMATION

(enter either long/lat or UTM – not both)

Site # CK2182			Structure # CK2182		
FSR Name Lost - North	User km 0.4		Project File ID 8466		Branch OS
Longitude: (ddd / mm / ss.s) 49°21'18.5" OR Latitude: (ddd / mm / ss.s) 122°12'41.3"			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.

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G (F) P	On a tight horizontal curve.
Bridge Ahead Signs Missing	0 1 (2)	
Brushing Required	(Yes) No	Minor brushing
Delineator Missing Left	(0) 1 2	
Delineator Missing Right	(0) 1 2	
Fender Condition	E (G) F P None	No Post Barriers
Posted Load Rating (tonnes)		Not posted on road, but posted on structure as L-75
Road Surface	E (G) F P	

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	Existing crib acting as ballast wall.
Tie-backs	E G (F) P N/A	2 x Cu
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	Existing Crib structure. 5 x Woods and 5 x Comp : Cu.
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)	
Bearings	E G F P	Sitting on rock pad or dirt, not visible. Barring 0.15 m from curb face.
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	
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)	
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	steel
Handrails/ Walkouts	E G F P (N/A)	
Hardware	E G F P (N/A)	
Overall Deck Condition	E (G) F P	

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

GENERAL INFORMATION

Site # CK2182 | Structure # CK2182

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) 0.3 | Est. Present Water Level Width (m) 8.3 | Est. High Water Level Clearance (m) 4.5

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

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	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	Camp to inside		wood Abut.
	U/S		Chan Upstr
	D/S		Ford U/S
	Looking to Camp		Bridge D/S

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes (No)

P Eng Inspection Required? Yes (No)

Date of Inspection (yyyy/mm/dd): 2009-10-10

Inspection Company Name: Forsite Env. & Eng. Ltd.

Inspector's Name (print): Ali Sadeghi

Inspector's Signature: [signature]

Comments: Existing crib + Superstructure overspanned w/ portable steel structure

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): L75

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: 2010.03.05 16:53:49 -08'00'	

Comments: restrict to 5t due to crib condition.