BC Ministry of Forests and Range

Bridge Register

Structure Inventory Data Form
BRIDGES

CK-2197

STRUCTURAL DETAILS

Number of Spans:

Needle Beams? ☐ Yes ☑ No

Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] 23.2

Portable Structure? ☐ Yes ☑ No

Portable Superstructure Status: ☐ Installed ☐ Storage

Portable Superstructure Storage Location:

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

***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):** 4.9

***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

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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 # CK-297		Structure #			
FSR Name NAHATLATCH FSR	User km	Project File ID 6996		Branch 01	
Longitude: (ddd / mm / ss.s) 50 00 41.1 OR		UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) 121 38 22.0					

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 HOR 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	OLD LOGS
Posted Load Rating (tonnes)	68	
Road Surface	E G F (P)	POT HOLES @ BOTH APPROACHES. (AGAINST BALL WALL)

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 SPR. FOOT.
Ballast Wall	E (G) F P	PRE CAST CONC.
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	RUBBER PAD
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	SOME WEAR FROM INDUST. USE
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)	OLD → SOME ROT
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
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION

Site # CK-2197 | Structure #

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G F P	STEEL I-BEAM ID: L-75 24.384m
Diaphragms	E G F P (N/A)	
Bracing	E (G) F P N/A	5x
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)	

MAY 96
WO 1048

CHANNEL

Est. Present Water Level Depth (m) 05 | Est. Present Water Level Width (m) 70 | Est. High Water Level Clearance (m) 20

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)		REPAIR RAIL w/ Industrial Activity
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	WTC		ID
	DS		CAMP ABUT
	US		WINGS ABUT
	C TOW		FROM US.

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes (No) | P Eng Inspection Required? Yes (No) | Date of Inspection (yyyy/mm/dd) 2009-10-22

Kerstin Engineering & Inspection Company Name: Geoscience Ltd. | Inspector's Name (print): Ali Sadeghi | Inspector's Signature

Comments

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: 2010.01.12 13:51:26 -08'00'	

Comments: replace rails