ck 7237

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] 17 3/4

Portable Structure? ☐ Yes ☑ No

Portable Superstructure Status: ☐ Installed ☐ Storage

Portable Superstructure Storage Location:

***Bridge Length (metres):** 18 0/0

***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 3/4

***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
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- ☐ Concrete Precast
- ☑ Crib, Log or Timber
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- ☐ 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 # CK-2237			Structure # CK2237		
FSR Name SOWAQUA	User km 14.2	Project File ID 7004	Branch 01		
Longitude: (ddd / mm / ss.s) 49 22 08.9 **OR**	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s) 121 09 31.9					

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)	—	NOT POSTED
Road Surface	E (G) F P	RECENTLY GRADED

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	2 X CLOSED FACED Fd CRIB. LOGS NOT PEELED!
Tie-backs	E G F P N/A	1 ROW OF 3 Fd tiebacks
Bin Wall	E G F P N/A	
Precast Concrete	E G F P (N/A)	
Caps or Sills	E (G) F P	STEEL CAP - I BEAM - SOME RUST, ON 3" TIMBER.
Piles or Posts	E G F P (N/A)	
Ballast Wall	E G (F) P	ROW OF 3 Fd (old logs)
Wing Wall	E G F P (N/A)	
Bracing	E G F P (N/A)	
Hardware	E (G) F P N/A	TIGHTLY LASHED @ ENDS OF CRIB.
Fill	E G F P	
Riprap	E (G) F P N/A	CAMP WELL RIPRAPED, WOODS SOME RIPRAP SCOURED.
Bearings	E (G) F P	
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	SOME VEH. DAM. (250 x 80mm, 10"x3") UNTREATED TIMBER Fd.
Sub-deck	E (G) F P N/A	(10"x2") Fd Untreated.
Ties	E (G) F P N/A	(8"x8", 200mm x 200mm) UNTREATED Fd @ 400mm C-C
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)	U/S MID SPAN CRACKED + DAM.
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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GENERAL INFORMATION

Site # CK-2237 | Structure # CK2237

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G (F) P	WEATH. STEEL I-BEAMS w/ SOME RUST + FLAKE. ID: L-75 30.48m w/o - 3078 Sept.
Diaphragms	E G F P (N/A)	
Bracing	E (G) F P N/A	4 X
Under-trussing	E G F P (N/A)	
Hardware	E (G) F P N/A	NAILED TO SILL TIMBER.
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) 1.6

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 CROSSING IN A HIGH DEBRIS TRANS. POT. EVIDENT BY LARGE AMOUNT OF CWD + RED LOAD

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

#	Priority (circle)	Estimate ($)	Description
1	H M (L)		MONITOR + REPAIR U/S GUARD RAIL.
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	W TO C		FROM U/S
	U/S		CAMP AREA
	D/S		WOOD ABUT
	C TO W		ID.

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?	P Eng Inspection Required?	Date of Inspection (yyyy/mm/dd)
Yes (No)	Yes (No)	2009-10-20

Inspection Company Name	Inspector's Name (print)	Inspector's Signature
FORSITE ENG + GEO.	Ali Sadeghi	

Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 68t | Date of Next Inspection

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MFR	L. Stevanovic	Digitally signed by L. Stevanovic Date: 2009.12.24 10:51:12 -08'00'	

Comments: replace u/s, mid span rail (cracked)