CK-2104

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]

Portable Structure? ☐ Yes ☑ No

Portable Superstructure Status: ☐ Installed ☐ Storage

Portable Superstructure Storage Location:

***Bridge Length (metres):** 27 ±

***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):** 6.9 –

***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

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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 2104			Structure # CK 2104		
FSR Name HARRISON EAST FSR	User km 64		Project File ID		Branch
Longitude: (ddd / mm / ss.s) 121 44 45.3 **OR** Latitude: (ddd / mm / ss.s) 49 23 58.2			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	TIGHT HOR CURVE. ADVERSE
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	NO POST BAR. D/S CAMP BARRIER UNDERMINED & NOW LEANING TOWARDS D/S. (SEE PICS)
Posted Load Rating (tonnes)	9!	
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	OLD OPEN FACE 3X ON CAMP CRIB RETAIN. FILL., 6X CRIB ON WOODS APP.
Tie-backs	E G (F) P N/A	5X : TO RETAIN FILL.
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	PILE RISERS ON WELL SPREAD FOT.
Ballast Wall	E (G) F P	PRECAST CONCR.
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	NOT CRITICAL YET.
Riprap	E G (F) P N/A	SMALL AMOUNT OF FILL SCOUR ON U/S CAMP NOT ENOUGH RIP RAP
Bearings	E G (F) P	B/R CONTROLED U/S WOODS ABUT. OVERALL
Corrosion Protection	E (G) F P N/A	

D/S CAMP RUBBER BAD BULDGING BUT NOT FLAKING.

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	CONCR CURB.
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 STEEL RAIL BADLY DAMAGED. MANY OF THE POSTS BENT (SEE PICS)
Handrails/ Walkouts	E G F P (N/A)	
Hardware	E (G) F P N/A	
Overall Deck Condition	E G (F) P	

W 12 Galv. Beam w/ STEEL Post + CONCRETE RISERS.

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GENERAL INFORMATION

Site # CK 2104 | Structure # CK2104

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E (G) F P	STEEL I-BEAM W/ SMALL AMOUNT OF RUST
Diaphragms	E G F P (N/A)	
Bracing	E (G) F P N/A	6X
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) 0.2 | Est. Present Water Level Width (m) 50 | Est. High Water Level Clearance (m) 1.8

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)		D/S CAMP NO 1ST BARRIER SHOULD BE PUT BACK ON THE ROAD
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	U/S RAIL SHOULD BE MONITORED. ANY MORE MECH. DAMAGE IT NO LONGER FUNCTIONAL.
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	TO W		LOAD LIMIT
	U/S		CAMP ABUT X 2
	D/S		FROM U/S
	W TO E		WINGS ABUT

DAM BARR.
U/S DAM RAIL

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes (No)	P Eng Inspection Required? Yes (No)	Date of Inspection (yyyy/mm/dd) 2009-10-24
Inspection Company Name: Forsite Engineering & Surveying Ltd.	Inspector's Name (print): Ali Sadeghi	Inspector's Signature

Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes):		Date of Next Inspection	
Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)

Comments