CK2152

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] 13.5

Portable Structure? ☐ Yes ☑ No

Portable Superstructure Status: ☐ Installed ☐ Storage

Portable Superstructure Storage Location:

***Bridge Length (metres):** 13.5

***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 # CK2152			Structure # CK2152		
FSR Name James Lake FSR	User km 3.8		Project File ID		Branch
Longitude: (ddd / mm / ss.s) 49° 17' 12.1" OR			UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 121° 36' 57.1"					

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 Tight Horizontal 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)	18,040 kg/	18 tonnes
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)	
Tie-backs	E G F P (N/A)	
Bin Wall	E G F P (N/A)	
Precast Concrete	E (G) F P N/A	Concrete Cap Beams + sills + ballast wall on pile bents
Caps or Sills	E (G) F P	Concrete Cap 11" pierced. 11
Piles or Posts	E (G) F P N/A	Pipe risers on spread footing. Only 1 visible.
Ballast Wall	E G ~~E~~ P	
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	More rip rap needed d/s camp side
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)	
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	Truck Vehicle Damage
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)	Risers Damaged + rotten on both U/S + D/S
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 # ck2152 | Structure # ck2152

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G F P	4 Concrete slab Girders
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) 0.1 | Est. Present Water Level Width (m) 0.5 | Est. High Water Level Clearance (m) 2.1m

HAZARDS (circle yes or no for each item))

High Water? Yes (No) | Scour? Yes (No) | Ice? Yes (No) | Debris? (Yes) / No (Stream) | Aggradation? Yes (No)

Comments: Crossing on high debris transport potential evident by coarse woody debris u/s + d/s

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

#	Priority (circle)	Estimate ($)	Description
1	H M (L)		Repair guardrails both sides w/ high industrial activity
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	Camp & woods		From u/s
	u/s		CWD x2
	d/s		Camp Abutt
	Walls to camp		Woods Abutt

Camp Abutt

INSPECTOR TO COMPLETE THIS SECTION

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

Inspection Company Name	Inspector's Name (print)	Inspector's Signature
Forsite Env & Geo Ltd.	Ali Sadeghi	

Comments:

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 68 t | 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: 2009.12.23 17:18:24 -08'00'	

Comments: