



BC Ministry of
Forests and Range

ck 2220

Active

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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):

18.280

*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:

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

Site #	(enter either longlat or UTM - not both)		
FSR Name	PITT RIVER	Structure #	CL2220
Longitude: (ddd / mm / ss.s)	49° 38' 00.7"	User km/2, 1	Project File ID
Latitude: (ddd / mm / ss.s)	122° 39' 59.0"	OR	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	
Bridge Ahead Signs Missing	0 1 2	
Brushing Required	Yes (No)	
Delineator Missing Left	(D) 1 2	
Delineator Missing Right	(D) 1 2	
Fender Condition	E (G) F P None	NO POST
Posted Load Rating (tonnes)		
Road Surface	E (G) F P	POTHOLES

LEFT/RIGHT ABUTMENTS (as seen facing downstream)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log/Timber Crib	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	
Ballast Wall	E (G) F P	CONCRETE
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	
Corrosion Protection	E (G) F P N/A	PAINTED

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	
Handrails/Walkouts	E G F P (N/A)	
Hardware	E (G) F P N/A	
Overall Deck Condition	E (G) F P	

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

GENERAL INFORMATION			
Site #		Structure # <u>C152220</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P		
Diaphragms	E G F P <u>N/A</u>		
Bracing	E <u>G</u> F P <u>N/A</u>		
Under-trussing	E G F P <u>N/A</u>		
Hardware	E <u>G</u> F P <u>N/A</u>		
Cracks/Checks in Glulam Girders	E G F P <u>N/A</u>		
Concrete	E G F P <u>N/A</u>		
Shear Connectors	E G F P <u>N/A</u>		
Grout Pockets	E G F P <u>N/A</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.1</u>		Est. Present Water Level Width (m) <u>2.5</u>	Est. High Water Level Clearance (m) <u>1.7</u>
HAZARDS (circle yes or no for each item)			
High Water?	Yes <u>No</u>	Scour?	Yes <u>No</u>
Ice?	Yes <u>No</u>	Debris?	Yes <u>No</u>
Aggradation?	Yes <u>No</u>		
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
	<u>R to L</u>		<u>DS</u>
	<u>R APPR</u>		<u>FROM US</u>
	<u>L to R</u>		<u>LEFT ABUT</u>
	<u>US</u>		<u>RIGHT ABUT x2</u>
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) <u>2009/10/23</u>
Inspection Company Name <u>FORSITE ENGINEERING & GEOSCIENCE</u>		Inspector's Name (print) <u>JEREMY ARAKI</u>	Inspector's Signature <u>[Signature]</u>
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GW (tonnes): <u>L60</u>		Date of Next Inspection	
Reviewer Company Name	Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.01.19 11:49:11 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments <u>repair potholes at approaches</u>			