



BC Ministry of
Forests and Range

ck2231

AGRIUE

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Bridge Register
Structure Inventory Data Form
BRIDGES

STRUCTURAL DETAILS

Number of Spans:

3

Needle Beams?

☐ Yes

☒ No

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

21.3, 17.6, 18

Portable Structure?

☐ Yes

☒ No

Portable Superstructure
Status:

☐ Installed

☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):

*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 long/lat or UTM - not both)	
FSR Name <u>PITT-RICKLIN CRK</u>		Structure # <u>C 2231</u>	
User km <u>0.8</u>		Project File ID <u>8394</u>	Branch <u>03</u>
Longitude: (ddd / mm / ss.s)	<u>49° 41' 41.2"</u>	OR	UTM Zone
Latitude: (ddd / mm / ss.s)	<u>122° 42' 29.9"</u>		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 <u>G</u> <u>F</u> P	<u>TIGHT CLAUSE ON LEFT</u>
Bridge Ahead Signs Missing	0 1 <u>2</u>	
Brushing Required	Yes <u>No</u>	
Delineator Missing Left	0 <u>1</u> 2	
Delineator Missing Right	0 <u>1</u> 2	
Fender Condition	E <u>G</u> <u>F</u> P None	<u>LOW</u>
Posted Load Rating (tonnes)		
Road Surface	E <u>G</u> <u>F</u> 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 <u>N/A</u>	
Tie-backs	E G F P <u>N/A</u>	
Bin Wall	E G F P <u>N/A</u>	
Precast Concrete	E G F P <u>N/A</u>	
Caps or Sills	E <u>G</u> <u>F</u> P	
Piles or Posts	E <u>G</u> <u>F</u> P <u>N/A</u>	
Ballast Wall	E <u>G</u> <u>F</u> P	<u>CONCR</u>
Wing Wall	E G F P <u>N/A</u>	
Bracing	E <u>G</u> <u>F</u> P <u>N/A</u>	
Hardware	E <u>G</u> <u>F</u> P <u>N/A</u>	
Fill	E <u>G</u> <u>F</u> P	
Riprap	E G F P <u>N/A</u>	
Bearings	E <u>G</u> <u>F</u> P	
Corrosion Protection	E <u>G</u> <u>F</u> P <u>N/A</u>	

Span 1 of 3 (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 <u>G</u> <u>F</u> P	
Running Planks	E G F P <u>N/A</u>	
Sub-deck	E G F P <u>N/A</u>	
Ties	E G F P <u>N/A</u>	
Nails	E G F P <u>N/A</u>	
Deck to Girder Bolts	E G F P <u>N/A</u>	
Concrete Deck	E <u>G</u> <u>F</u> P <u>N/A</u>	
Grout Pockets	E <u>G</u> <u>F</u> P <u>N/A</u>	
Deck Joints	E <u>G</u> <u>F</u> P <u>N/A</u>	
Anti-skid Surface	E G F P <u>N/A</u>	
Gravel Surface	E G F P <u>N/A</u>	
Curb Rail/Blocks/Posts	E G F <u>P</u>	<u>ROTTEN</u>
Handrails/Walkouts	E G F P <u>N/A</u>	
Hardware	E <u>G</u> <u>F</u> P <u>N/A</u>	
Overall Deck Condition	E <u>G</u> <u>F</u> P	

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

GENERAL INFORMATION			
Site #		Structure # CK2231	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E (G) F P		
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) 2.0		Est. Present Water Level Width (m) 1	Est. High Water Level Clearance (m) 4
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		NEW GUARD BEFORE INDUSTRIAL LG
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	RIGHT TO LEFT		LEFT APPRO
	RIGHT APPROACH		LEFT ABUT
	POCKETS & JOINTS		TO PIER 1
	GUARD RAILS		PIER 1
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked?	P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd)	
Yes (No)		2009/10/29	
Inspection Company Name	Inspector's Name (print)	Inspector's Signature	
FORSITE ENGINEERING & GEO SCIENCE	JEREMY ARACI		
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes):	Date of Next Inspection		
L120			
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: 2010.01.19 11:40:35 -08'00'	
Comments replace guardrails			

SS TO PIER 1
LEFT ABUT
LEFT TO RIGHT
RIGHT ABUT

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

USE THIS SHEET FOR ADDITIONAL SPANS

GENERAL INFORMATION		
Site #	CK 2231	Structure #
Span <u>2</u> of <u>3</u> (spans are numbered consecutively starting from the left abutment)		
DECK		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface	E <u>G</u> F P	
Running Planks	E G F P <u>N/A</u>	
Sub-deck	E G F P <u>N/A</u>	
Ties	E G F P <u>N/A</u>	
Nails	E G F P <u>N/A</u>	
Deck to Girder Bolts	E G F P <u>N/A</u>	
Concrete Deck	E G F P <u>N/A</u>	
Grout Pockets	E <u>G</u> F P <u>N/A</u>	
Deck Joints	E <u>G</u> F P <u>N/A</u>	
Anti-skid Surface	E G F P <u>N/A</u>	
Gravel Surface	E G F P <u>N/A</u>	
Curb Rail/Blocks/Posts	E G F <u>P</u>	2076W
Handrails/Walkouts	E G F P <u>N/A</u>	
Hardware	E <u>G</u> F P <u>N/A</u>	
Overall Deck Condition	E <u>G</u> F P	
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>	
PIER <u>1</u> of <u>2</u> (piers are numbered consecutively starting from the left abutment)		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Caps	E <u>G</u> F P	
Piles or Posts	E G F P <u>N/A</u>	
Concrete	E <u>G</u> F P <u>N/A</u>	CIP ON BR
Bracing or Sheathing	E G F P <u>N/A</u>	
Cribs	E G F P <u>N/A</u>	
Hardware	E G F P <u>N/A</u>	
Rip Rap	E G F P <u>N/A</u>	
Dolphins	E G F P <u>N/A</u>	
Bearings	E <u>G</u> F P <u>N/A</u>	
Overall	E <u>G</u> F P <u>N/A</u>	

**Routine Condition Bridge Inspection Form**
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USE THIS SHEET FOR ADDITIONAL SPANS

GENERAL INFORMATION		
Site #	CK 2231	Structure #
Span <u>3</u> of <u>3</u> (spans are numbered consecutively starting from the left abutment)		
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 (N/A)	ROTTEN
Handrails/Walkouts	E G F P (N/A)	
Hardware	E (G) F P (N/A)	
Overall Deck Condition	E (G) F P	
SUPERSTRUCTURE		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E (G) F P	
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)	
PIER <u>2</u> of <u>2</u> (piers are numbered consecutively starting from the left abutment)		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Caps	E (G) F P	
Piles or Posts	E G F P (N/A)	
Concrete	E (G) F P (N/A)	CIP ON BR
Bracing or Sheathing	E G F P (N/A)	
Cribs	E G F P (N/A)	
Hardware	E G F P (N/A)	
Rip Rap	E G F P (N/A)	
Dolphins	E G F P (N/A)	
Bearings	E (G) F P (N/A)	
Overall	E (G) F P (N/A)	