

CK-2489

BC Ministry of
Forests and Range

Bridge Register Structure Inventory Data Form BRIDGES

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STRUCTURAL DETAILS

Number of Spans:

1

Needle Beams?

☐ Yes☒ NoLength of Spans (m)
[e.g. for a 3-span bridge
- 20, 35, 20]

18.8

Portable Structure?

☐ Yes☒ NoPortable
Status:
☐ Installed
☐ StoragePortable Superstructure
Status:
☐ Installed
☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):

19.4

*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
☐ Timber-L

Box Beam
Truss/Bailey/Acrow
Steel-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

Deck Width (metres):

4.2

*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

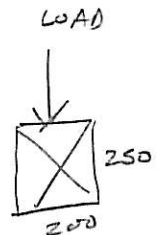
*Right Abutment:

- ☐ 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				(enter either long/lat or UTM - not both)		
Site # <u>CK 2489</u>		Structure #				
FSR Name <u>CRIZIM CRK BR</u>		User km <u>22</u>	Project File ID <u>6996</u>	Branch <u>16</u>		
Longitude: (ddd / mm / ss.s) <u>49 56 21.1</u>		OR		UTM Zone		
Latitude: (ddd / mm / ss.s) <u>21 54 18.5</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 G <u>(F)</u> P					
Bridge Ahead Signs Missing	0 1 <u>(2)</u>					
Brushing Required	Yes <u>(No)</u>					
Delineator Missing Left	0 <u>(1)</u> <u>(2)</u>					
Delineator Missing Right	0 1 <u>(2)</u>					
Fender Condition	E G F P <u>(None)</u>					
Posted Load Rating (tonnes)	<u>-</u>	<u>NOT POSTED</u>				
Road Surface	E <u>(G)</u> 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 Crib	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 G F P					
Piles or Posts	E <u>(G)</u> F P N/A	<u>PIPE PILES ON SPREA FOOT.</u>				
Ballast Wall	E <u>(G)</u> F P	<u>TREATED TIMBER</u>				
Wing Wall	E G F P <u>(N/A)</u>					
Bracing	E <u>(G)</u> F P N/A					
Hardware	E <u>(G)</u> F P N/A					
Fill	E G <u>(F)</u> P	<u>DIS WOODS ABUT: FULL SCOURING. U/S HAS BEEN FIXED.</u>				
Riprap	E <u>(G)</u> F P N/A					
Bearings	E <u>(G)</u> F P	<u>RUBBER PADS</u>				
Corrosion Protection	E <u>(G)</u> F P N/A					
Span 1 of _ (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 <u>(G)</u> <u>(F)</u> P N/A	<u>UNTREATED TIMBER PLANKS</u>				
Sub-deck	E <u>(G)</u> F P N/A	<u>TREATED TIMBER PLANKS</u>				
Ties	E <u>(G)</u> F P N/A	<u>TREATED (200 x 250 mm), 400 C-C</u>				
Nails	E <u>(G)</u> F P N/A					
Deck to Girder Bolts	E <u>(G)</u> F P N/A					
Concrete Deck	E G F P <u>(N/A)</u>					
Grout Pockets	E G F P <u>(N/A)</u>					
Deck Joints	E G 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 <u>(F)</u> P	<u>TIMBER UNTREATED</u>				
Handrails/Walkouts	E G F P <u>(N/A)</u>					
Hardware	E <u>(G)</u> F P N/A					
Overall Deck Condition	E <u>(G)</u> <u>(F)</u> P					



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GENERAL INFORMATION			
Site # <u>CK 2489</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P	STEEL I-BEAM, SOME RUST	
Diaphragms	E G F P <u>N/A</u>		
Bracing	E <u>G</u> F P <u>N/A</u>	4x	
Under-trussing	E G F P <u>N/A</u>		
Hardware	E G 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>0.5</u>		Est. Present Water Level Width (m) <u>10.0</u>	Est. High Water Level Clearance (m) <u>2.0</u>
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 <u>D/S WOODS FILL SCOURING BEHIND BALLET WALL</u>			
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	<u>MONITOR D/S WOODS FILL SCOUR.</u>		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>W TO C</u>		<u>WOODS ABUT</u>
	<u>V/S</u>		<u>CAMP ABUT</u>
	<u>D/S</u>		<u>FROM D/S</u>
	<u>CAD W</u>		<u>RAMP TO WOODS</u>
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes No		P Eng Inspection Required? Yes <u>(No)</u>	Date of Inspection (yyyy/mm/dd) <u>2009-10-22</u>
Inspection Company Name <u>FORTE ENGINEERING & CONSULTING LTD.</u>		Inspector's Name (print) <u>AB. Soudighi</u>	Inspector's Signature <u>[Signature]</u>
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GWV (tonnes): <u>L75</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: 2010.01.15 13:21:36 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments <u>repair woods approach fill</u>			

FILL SCOUR X2