

QC-7900

BONANZA/BILL BROWN 5.3km

2015 Inspection



CBR iPad Offline Ver 0.21

**CBR Data**

Latitude	Longitude		
53°23'21.8"	-132°28'42.4"		
Crossing Name	Not Known		
FSR #	8229	Branch #	1
Road Name	BONANZA/BILL BROWN		
User km	5.3		
Current Load Rating (tonnes)	91		
Structure Class	Permanent Bridge		
Portable	Y		
Superstructure	Steel I-beam		
Deck Type	Timber - Untreated		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	15.3		
Deck Width (m)	4.27		

**Updated Data**

Latitude	Longitude		
53°23'21.79"	-132°28'43.66"		
HD Diff. (m)	23.2	Accuracy (m)	5

**Inspection**

Date of Inspection 2015-10-03 1:05:26 PM

Inspector Name Rick MacDonald

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

Replace running planks. Sub-deck and cross ties in good condition.

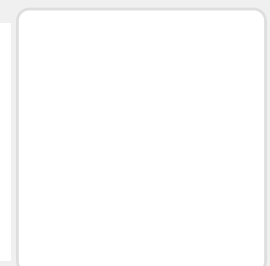
P.Eng Comments

Load Rated By: MFLNRO, Richard Mills P.Eng., Dec 1, 2015

Load Rating: L100 or 91 tonnes

Next Inspection: Sept 1, 2017

Comments: Replace running planks.



P.Eng Seal

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### Approach

Alignment **Good**

Bridge Ahead Signs Missing  0  1  2

Brushing Required **N**

Delineator Missing Left  0  1  2

Delineator Missing Right  0  1  2

Fender Condition **Good**

Posted Load Rating **91000** L-100 on girder

Road Surface **Good**

### Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete **Good** Lock blocks

Caps or Sills **Good** CCA Treated timber sills, lag bolt connections to girder

Piles or Posts

Ballast Wall **Good** precast concrete

Wing Wall

Bracing

Hardware

Fill **Good**

Riprap **Good**

Bearings

Corrosion Protection

**Deck**

Running Surface	Good	
Running Planks	Poor	Running planks under wheel tracks are worn. Several short sections missing.
Sub Deck	Good	
Ties	Good	
Nails	Good	
Deck to Girder Bolts	Good	6 bolt per deck panel, 3 per side
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Good	
Gravel Depth (mm)		



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### Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	5.0	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	2.0	Ice	<input type="checkbox"/>		

Comments

### Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1

2

3

Sketch  
(Select Signature)

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Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile



Structure ID

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Right Bank Abutment when facing downstream



Deck