

QC-7106

BONANZA 13.1km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude		
53°25'48.29"	-132°29'44"		
Crossing Name	Bonanza Creek		
FSR #	8229	Branch #	7
Road Name	BONANZA		
User km	13.1		
Current Load Rating (tonnes)	54		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Untreated		
Abutment Left	Binwall		
Abutment Right	Binwall		
Spans	1		
Total Length (m)	26.6		
Deck Width (m)	4.3		

Updated Data

Latitude	Longitude		
53°25'48.55"	-132°29'44.16"		
HD Diff. (m)	8.2	Accuracy (m)	10

Inspection

Date of Inspection 2015-10-03 10:24:04 AM

Inspector Name Rick MacDonald

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

P.Eng Comments

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

Load Rating: L60 or 54 tonnes

Next Inspection: Sept 1, 2017



P.Eng Seal



Approach

Alignment **Good**

Bridge Ahead Signs Missing 0 1 2

Brushing Required **N**

Delineator Missing Left 0 1 2 on guide logs

Delineator Missing Right 0 1 2 on guide logs

Fender Condition **Good** Lg. guide logs

Posted Load Rating **54430** not posted

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall **Good**

Concrete

Caps or Sills **Good** Precast concrete

Piles or Posts

Ballast Wall **Good** Treated timber

Wing Wall **Good** Log cribs supporting fill on approaches.

Bracing

Hardware

Fill **Good**

Riprap **Good**

Bearings **Good**

Corrosion Protection

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Deck

Running Surface	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	
Nails	Good	
Deck to Girder Bolts	Good	
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	Untreated Timber guardrails
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Good	
Gravel Depth (mm)		

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Hazards

Estimated Present Water Level Depth (m)	0.25	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	20.0	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	3.5	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 Bent bracing

Routine Inspection

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile



Right Bank Abutment when facing downstream

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Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream