

QC-7108

BONANZA 18.1km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude		
53°27'54.2"	-132°28'33.1"		
Crossing Name	Bonanza Creek		
FSR #	8229	Branch #	7
Road Name	BONANZA		
User km	18.1		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Untreated		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Binwall		
Spans	1		
Total Length (m)	15.6		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude		
53°27'55.25"	-132°28'31.17"		
HD Diff. (m)	48.2	Accuracy (m)	10

Inspection

Date of Inspection 2015-10-03 10:55:53 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: L75 or 68 tonnes
 Next Inspection: Sept 1, 2018



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** Guide logs

Posted Load Rating **68040** L-75 on girder

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall **Good** Right bank

Concrete

Caps or Sills **Good** Precast concrete sill on bin wall

Piles or Posts **Good** Left bank

Ballast Wall **Good** Treated timber ballast walls.

Wing Wall

Bracing

Hardware

Fill **Good**

Riprap **Good**

Bearings **Good**

Corrosion Protection

QC-7108

BONANZA 18.1km

2015 Inspection



CBR iPad Offline Ver 0.21

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
Hand Rails/Walkouts	
Hardware	
Overall Deck Condition	Good
Gravel Depth (mm)	

QC-7108

BONANZA 18.1km

2015 Inspection



CBR iPad Offline Ver 0.21

Steel/Concrete

Serial/ID Plate Rapidspan. WO-301 L-75. July/92

Girders **Good**

Diaphragms **Good**

Bracing **Good**

Under Trussing

Hardware

Welded/grouted shear connectors **Good**

Log

Log Curbs

Needle Beam

Needle Lashing/
Shimming

Stringer Number	Needle Beam to Crib (m)		Diameter (mm)	Needle Diameter (mm)		Condition	Comment
	Species	Peeled		Rot Depth (mm)			

QC-7108

BONANZA 18.1km

2015 Inspection



CBR iPad Offline Ver 0.21

Hazards

Estimated Present Water Level Depth (m)	0.4	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	12.0	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
-------------	----------	--------------------

1

2

3

Item	Monitor Description	Frequency
------	---------------------	-----------

1

2

3

Sketch
(Select Signature)

QC-7108

BONANZA 18.1km

2015 Inspection



Approach from Right Bank when facing downstream



Structure ID



Downstream Profile



Left Bank Abutment when facing downstream

QC-7108

BONANZA 18.1km

2015 Inspection



Right Bank Abutment when facing downstream



Approach from Left Bank when facing downstream