

QC-7012

BONANZA 13.5km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°26'4.49"	-132°29'33.3"
Crossing Name	Not Known
FSR #	8229
Branch #	7
Road Name	BONANZA
User km	13.5
Current Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	6
Deck Width (m)	5

Updated Data

Latitude	Longitude
53°26'5"	-132°29'33.01"
HD Diff. (m)	16.4
Accuracy (m)	5

Inspection

Date of Inspection 2017-09-13 10:58:12 AM

Inspector Name Mitch Lowe

Inspector Comments

Potential to upgrade by replacing small stringers.

Recommended Next Inspection Year 2018

Inspection Company Onsite Engineering Ltd

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017

Load Rating: 68 Tonnes GVW

Next Inspection: September 1, 2029

Comments: Post load limit sign. Add approach log



P.Eng Seal

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Approach

Alignment Fair

Structure is in a vertical and horizontal curve

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Missing upstream right guide log.

Posted Load Rating

No posted load limit

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair

Single sill on riprap. Structure is filling with bedload so minimal erosion issues.

Piles or Posts

Ballast Wall Fair

Wing Wall

Bracing

Hardware Fair

Fill

Riprap Fair

Bearings Good

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface **Good**

Curb Rail/Blocks/Posts **Fair**

Hand Rails/Walkouts

Hardware **Fair**

Overall Deck Condition **Fair**

Gravel Depth (mm) **590**

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Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**Log Curbs **Good**

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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1	Cw	Y	650	30	Fair	
2	Cw	Y	550	30	Fair	
3	Cw	Y	590	30	Fair	
4	Cw	Y	590	30	Fair	
5	Cw	Y	950	30	Fair	
6	Cw	Y	810	30	Fair	
7	Cw	Y	600	30	Fair	
8	Cw	Y	820	30	Fair	
9	Cw	Y	800	30	Fair	800mm slab
10	Cw	Y	690	30	Fair	
11	Cw	N	590	30	Fair	
12	Cw	N	570	30	Fair	

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Hazards

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)	6	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Install one approach barrier on the upstream right side of the structure.
2		
3		

Item	Monitor Description	Frequency
1	Monitor in filling of structure	Routine Inspection
2		
3		

Sketch
(Select Signature)