

QC-7106

BONANZA 13.1km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
53°25'48.5"	-132°29'44.1"
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°25'48.48"	-132°29'43.86"
HD Diff. (m)	4.4
Accuracy (m)	10

Inspection

Date of Inspection 2017-09-13 11:27:50 AM

Inspector Name Mitch Lowe

Inspector Comments

No issues.

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering Ltd

P.Eng Comments

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

Load Rating: 54 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



P.Eng Seal

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Approach

Alignment Fair

Vertical curve 5m from end of bridge.

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Fair

Posted Load Rating

Load rating not posted

Road Surface Good

Abutment

Log/Timber Cribbs

Tie Backs

Bin Wall Fair

Concrete Fair

Structures rests on concrete pads.

Caps or Sills Fair

Rubber Bering pad between concrete pad and girders.

Piles or Posts

Ballast Wall Fair

Creosote timber ballast walls

Wing Wall Fair

Cw log wingwalls. Lashed, but no tie backs present.

Bracing

Hardware Fair

Fill

Riprap Good

Bearings Good

Corrosion Protection

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Deck

Running Surface

Running Planks	Fair	4x10
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Sub Deck	Fair	Treated 4x10
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Ties	Fair	8x10
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Nails	Fair	
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Deck to Girder Bolts	Unrated	Does not appear to be present
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Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Fair	
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Hand Rails/Walkouts

Hardware	Fair	
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Overall Deck Condition	Fair	
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Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate Rapidspan structures MOF L-60 WO-275 26.6m May 92

Girders Fair Some corrosion protective material is flaking off.

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

Welded/grouted
shear connectors**Log**

Log Curbs

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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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	20	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	1	Ice	☐		

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)