

QC-7012

BONANZA 13.5km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 53°26'4.99" Longitude -132°29'33"

Crossing Name Not Known

FSR # 8229 Branch # 07

Road Name BONANZA

User km 13.5

Previous 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 53°26'5.69" Longitude -132°29'33.45"

HD Diff. (m) 22.8 Accuracy (m) 5

6.2

Inspection

Date of Inspection 2019-09-16 12:39:25 PM

Inspector Name Lindsey McGill

Inspector Comments Serial/ID Plate

Recommended Next Inspection Year 2021

Inspection Company Chartwell Consultants Ltd.

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 11, 2020

Load Rating: 68 Tonnes GVW

Next Inspection: September 1, 2021

Comments:



P.Eng Seal

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Approach

Alignment Good

Large speed bump on road due to WBC.

Bridge Ahead Signs
Missing☐ 0 ☐ 1 ☒ 2

Brushing Required N

Brushing required in next few years

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

Fender Condition Poor

Rotten curbs logs

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs Fair

Single sill logs

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap N/A

None present

Bearings Good

Corrosion Protection N/A

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**Deck**

Running Surface N/A

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface Good

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm) 550

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs Poor Replace upstream curb logs

Needle Beam N/A

Needle Lashing/
Shimming N/A

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	N	575	20	Fair	
2	Cw	N	570	20	Fair	
3	Cw	N	745	20	Fair	
4	Cw	N	800	50	Fair	50mm defect - poor form
5	Cw	N	890	20	Fair	
6	Cw	N	600	25	Fair	
7	Cw	N	770	25	Fair	
8	Cw	N	970	25	Fair	
9	Cw	N	585	30	Fair	
10	Cw	Y	590	50	Fair	50mm defect - deep saw cut
11	Cw	N	555	30	Fair	
12	Cw	Y	630	40	Fair	

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**Hazards**

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	.5	Ice	☐		

Comments Debris flow channel

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Replace upstream curb log
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2		
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3		
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Item	Monitor Description	Frequency
1	Rot in stringers.	Routine Inspection

2		
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3		
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Sketch
(Select Signature)

Bearing



Downstream Profile



Stringers



Downstream from Crossing



Upstream Profile



Upstream from Crossing



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream

