

QC-7103

BONANZA 3.5km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°22'50.7" Longitude -132°27'20.7"

Crossing Name Cache Creek

FSR # 8229 Branch # 7

Road Name BONANZA

User km 3.5

Current Load Rating (tonnes) 150

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Removable

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 15.3

Deck Width (m) 4.88

Updated Data

Latitude 53°22'50.64" Longitude -132°27'20.22"

HD Diff. (m) 9.0 Accuracy (m) 5

Inspection

Date of Inspection 2017-09-13 2:42:54 PM

Recommended Next Inspection Year 2019

Inspector Name Mitch Lowe

Inspection Company Onsite Engineering Ltd

Inspector Comments



Overall fair condition. High susceptibility to high flow events due to low profile.

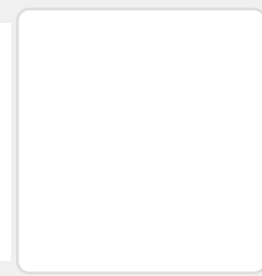
P.Eng Comments

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

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



P.Eng Seal



Approach

Alignment **Good**

Bridge Ahead Signs Missing 0 1 2

Brushing Required **Y**

Delineator Missing Left 0 1 2

Delineator Missing Right 0 1 2

Fender Condition **Fair**

Posted Load Rating

Road Surface **Fair**

Pot hole on river left approach is causing damage to deck.

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete **Good** Concrete blocks

Caps or Sills **Good** 2 - 8x8 timber sills per side

Piles or Posts

Ballast Wall **Fair** Timber ballast walls. Upstream river left end of ballast wall is allowing material to spill onto

Wing Wall

Bracing

Hardware **Good**

Fill

Riprap **Good**

Bearings **Good**

Corrosion Protection

Deck

Running Surface		Pot hole on river left approach is causing damage to deck.
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	
Grout Pockets		
Deck Joints	Poor	Paraseal has failed and material is spilling through the deck joints.
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	Plan to replace in 3 years.
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate MBS50FT #830 L165 08/01

Girders Fair Steel I-beam.

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware Fair

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

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	<input checked="" type="checkbox"/>	Debris	<input checked="" type="checkbox"/>
Estimated Present Water Level Width (m)	10	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	0	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Clean ends of girders.
2		
3		

Item	Monitor Description	Frequency
1	Monitor condition of curb rails.	Routine Inspection
2		
3		

Sketch
(Select Signature)