

CK-2206

NORTH AINSLIE CREEK 19.4km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude
50°0'57.49"	-121°22'51.6"
Crossing Name	Not Known
FSR #	8019
Branch #	1
Road Name	NORTH AINSLIE CREEK
User km	19.4
Current Load Rating (tonnes)	5
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)	9.5
Deck Width (m)	6

Updated Data

Latitude	Longitude
50°0'57.38"	-121°22'51.57"
HD Diff. (m)	3.7
Accuracy (m)	10
0 tonnes	

Inspection

Date of Inspection 2016-07-24 8:35:06 AM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

Road has been deactivated and bridge abandoned. Bridge is no longer safe for vehicle traffic due to condition of stringers. Large boulders and alder block what remains of the road. Consider removing remains of structure and removing bridge from inventory.

P.Eng Comments

Bridge condemned, 0 tonnes load rating. Consider deactivating the structure and removing it from the bridge inventory.



24/02/2017

P.Eng Seal

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Approach

Alignment Poor

Tight horizontal curve.

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required Y

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

Fender Condition Poor

None in place.

Posted Load Rating

No posting sign.

Road Surface Poor

Large boulders and small trees block road.

Abutment

Log/Timber Cribs Poor

Fungal growth and significant sap rot noted on crib logs.

Tie Backs Poor

All rotten.

Bin Wall 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 Poor

Lashing has failed on downstream guardrail log.

Fill Fair

Riprap Poor

No riprap.

Bearings N/A

Corrosion Protection N/A

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**Deck**

Running Surface	Poor	Large boulders and small trees block road.
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	Poor	Grass and trees grow out of deck.
Curb Rail/Blocks/Posts	N/A	
Hand Rails/Walkouts	N/A	
Hardware	Poor	Lashing not affective due to sap rot.
Overall Deck Condition	Poor	No functional guardrail logs, vegetation growing out of deck.
Gravel Depth (mm)	600	

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Steel/Concrete

Serial/ID Plate No ID Tag.

Girders Poor

15 log stringers. Stringer 1 rotten. Stringers 2 & 3 fungal growth. Stringer 8 failed. Stringer 14 fungal growth. Stringer 15 failed.

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

N/A

Welded/grouted
shear connectors N/A**Log**

Log Curbs Poor

Upstream log at grade of deck. Stringer below downstream log has fail.

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

2

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Replace bridge if use of road is required.
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2	High	Remove remains of bridge.
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3		
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Item	Monitor Description	Frequency
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1		
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2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)



Right Approach at Junction with North Ainslie FSR



Right Approach Facing Away From Bridge



Right Approach Facing Bridge



Deck



Left Approach Facing Away From Bridge



Looking Upstream



Left Approach Facing Bridge



Looking Downstream



Upstream Elevation



Stringer 8 Failed



Downstream Elevation



Right Bank Abutment



Stringer 1 Rotten



Stringer 15 Failed



Left Bank Abutment



Left Abutment Fungal Growth



Right Abutment Fungal Growth



Stringer 14 Fungal Growth



Stringer 2 & 3 Fungal Growth