

QC-7801

WATT LAKE MAIN 5.3km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°45'50.69"	-132°3'16.8"
Crossing Name	Copps Creek
FSR #	9419
Branch #	1
Road Name	WATT LAKE MAIN
User km	5.3
Current Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
53°45'50.34"	-132°3'18.81"
HD Diff. (m)	38.4
Accuracy (m)	5
5	
Temporary Bridge	
N	

Inspection

Date of Inspection 2017-09-15 10:23:40 AM

Inspector Name Mitch Lowe

Inspector Comments

Overall good condition assuming it is a non-comp bridge.

Recommended Next Inspection Year 2019

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, 2020

Comments:



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Good

Posted Load Rating 68 68tonne posted load limit.

Road Surface Fair Small hole on river right downstream road surface at end of bridge.

Abutment

Log/Timber Cribs Fair Two high Cw log cribs on both abutments. River left crib is very open faced.

Tie Backs Fair

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Good Concrete slab ballast wall.

Wing Wall

Bracing

Hardware Good

Fill

Riprap Fair

Bearings Fair Downstream river left sill is too small for bearing plate. Approximate 4" overhang.

Corrosion Protection

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**Deck**

Running Surface Small hole on river right downstream road surface at end of bridge.

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Minor spalling on underside of deck at joints.

Grout Pockets Fair

Deck Joints Poor Grout at deck joints is in poor condition. First joint from river right has completely failed. Appears to be non-composite so not critical.

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate MOF L-75 WO-433 18.288m June 93

Girders Fair

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
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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	7	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
1	Monitor deck joints for further deterioration.	Routine Inspection

2

3

Sketch
(Select Signature)