

QC-7801

WATT LAKE MAIN 5.3km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°45'50.69" Longitude -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 53°45'50.34" Longitude -132°3'18.81"

HD Diff. (m) 38.4 Accuracy (m) 5

5

Temporary Bridge

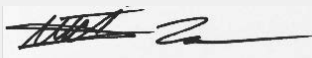
N

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

Approach

Alignment Good

 Bridge Ahead Signs
Missing 0 1 2

Brushing Required N

 Delineator Missing
Left 0 1 2

 Delineator 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

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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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	<input checked="" type="checkbox"/>	Debris	<input checked="" type="checkbox"/>
Estimated Present Water Level Width (m)	7	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	0.5	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1	Monitor deck joints for further deterioration.	Routine Inspection
2		
3		

Sketch
(Select Signature)