

QC-7801

WATT LAKE MAIN 5km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude		
53°45'50.29"	-132°3'18.8"		
Crossing Name	Copps Creek		
FSR #	9419	Branch #	01
Road Name	WATT LAKE MAIN		
User km	5		
Previous 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	
°0'0"	°0'0"	
HD Diff. (m)	5984978.0	Accuracy (m)

Inspection

Date of Inspection 2019-09-07 11:54:16 AM

Recommended Next Inspection Year 2022

Inspector Name Lindsey McGill

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate L75 WO-433, 18.288M, June93

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 13, 2020

Load Rating: 68 Tonnes GVW

Next Inspection: September 1, 2021

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 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Guardrails have 3-5 years of life left

Posted Load Rating 68

Road Surface Fair

Abutment

Log/Timber Cribs Good

Two high cribs on both abutments with 3 tie backs. Tight face only on right abutment.

Tie Backs Good

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Good

Precast concrete bolted to girders

Wing Wall Good

Bracing Fair

Bolted, no mechanical damage

Hardware Fair

Fill Good

Riprap Fair

Minor riprap on left bank but no scour observed

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

Concrete Deck Fair Boards present for walking tracked equipment over deck.

Grout Pockets Fair

Deck Joints Fair Minor cracking present, grout looks to have been too wet at installation.

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair Minor cracking in grout at deck joints.

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Minor scaling /corrosion

Diaphragms Fair

Bracing Fair Bolted

Under Trussing N/A

Hardware Fair

Welded/grouted
shear connectors N/A**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)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments Water levels raise by 1.0m but scour and debris not currently a concern.

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Monitor condition of steel for further corrosion
2		
3		

Item	Monitor Description	Frequency
1	Monitor corrosion in steel	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing

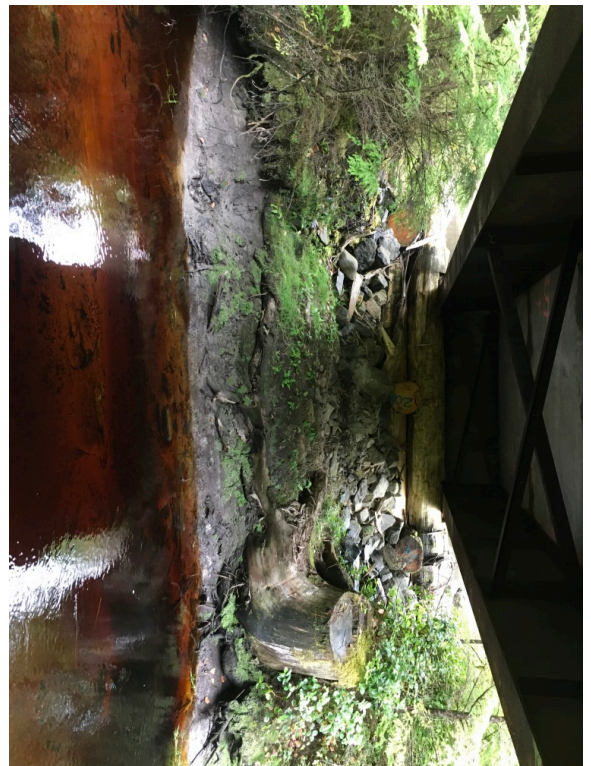
Downstream Profile



Deck



Right Bank Abutment when facing downstream

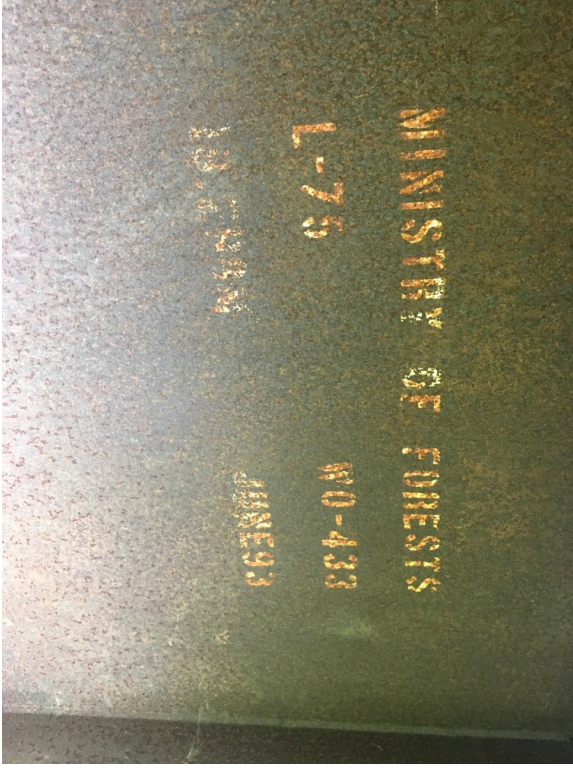




Upstream Profile



Left Bank Abutment when facing downstream



Structure ID

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