

QC-7905

QC_MOS1000 2.3km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
53°4'8"	-132°12'9.1"
Crossing Name	Not Known
FSR #	10247
Branch #	1
Road Name	QC_MOS1000
User km	2.3
Current Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel Box Beam
Deck Type	Steel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	12.2
Deck Width (m)	4.85

Updated Data

Latitude	Longitude
53°4'7.95"	-132°12'8.65"
HD Diff. (m)	8.6
Accuracy (m)	10
4.88	

Inspection

Date of Inspection 2015-10-02 1:29:31 PM

Inspector Name Rick MacDonald

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

Bridge currently not accessible to traffic. Bridge removed prior to this structure.

P.Eng Comments

Load Rated By: MFLNRO, Richard Mills P.Eng., Dec 1, 2015

Load Rating: L165 or 150 tonnes

Next Inspection: Sept 1, 2017

 A rectangular box intended for a Professional Engineer's seal.

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 **Good** Logs and riprap

Posted Load Rating **150000**

Road Surface **Good**

Abutment

Log/Timber Cribs **Good** single cedar sill logs embedded with riprap

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall **Fair** Some rot with log ballast logs. Functioning OK.

Wing Wall

Bracing

Hardware

Fill **Good**

Riprap **Good**

Bearings **Fair** Sill logs flat dressed but lag bolts only on outside sections.

Corrosion Protection



Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate **Good** 100mm gap between deck sections on right bank. Bridge sections are chained together.

Gravel Surface

Curb Rail/Blocks/Posts

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

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Hazards

Estimated Present Water Level Depth (m)	.2	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	7.0	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	1.8	Ice	<input type="checkbox"/>		

Comments Bridge on 2% grade from left bank to right. 100mm gap between bridge sections on right bank. Bridge sections are chained together.

Repairs and Monitoring

Repair Item	Priority	Repair Description
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- 1 Low Replace two missing delineators.
- 2 Low Clear brush encroaching on bridge.

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream

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Structure ID



Deck