

QC-7905

QC_MOS1000 2.3km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°4'7.95" Longitude -132°12'8.65"

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) 4.88

Updated Data

Latitude 53°4'8.55" Longitude -132°12'9.02"

HD Diff. (m) 19.8 Accuracy (m) 5

12.192

Inspection

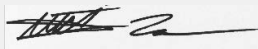
Date of Inspection 2017-09-12 1:16:35 PM

Recommended Next Inspection Year 2019

Inspector Name Mitch Lowe

Inspection Company Onsite Engineering Ltd

Inspector Comments



Suggest reinstalling structure on cut flat sills to prevent racking.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



P.Eng Seal

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Approach

Alignment **Poor**

River right approach is a steep favourable grade in a tight corner.

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**

Upstream river left fender not present.

Posted Load Rating

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills **Fair**

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware **Fair**

Fill

Riprap **Fair**

Riprap placed on erodible material.

Bearings **Poor**

Sill not cut flat. Bearing plates overhang 0-4".

Corrosion Protection

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Deck

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate	Fair	Minor damage to upstream half deck plate.
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts		
Hardware	Poor	Structure not lagged to sill and is separating.
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	10	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	1	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Install upstream river left approach barrier.
2	High	Install bridge on cut flat sill logs. Current sills may be reused.
3		

Item	Monitor Description	Frequency
1	Monitor riprap for erosion.	Routine Inspection
2		
3		

Sketch
(Select Signature)