

QC-7838

QC_NEY2000 0.74km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°33'11.7" Longitude -132°6'17.5"

Crossing Name Not Known

FSR # 10324 Branch # 2

Road Name QC_NEY2000

User km 0.74

Current Load Rating (tonnes) 91

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) 4.84

Updated Data

Latitude 53°33'11.16" Longitude -132°6'17.59"

HD Diff. (m) 16.7 Accuracy (m) 5

4.88

Inspection

Date of Inspection 2017-09-14 2:15:49 PM

Inspector Name Mitch Lowe

Inspector Comments



Minor issues, but simple repairs can fix some issues.

Recommended Next Inspection Year 2018

Inspection Company Onsite Engineering Ltd

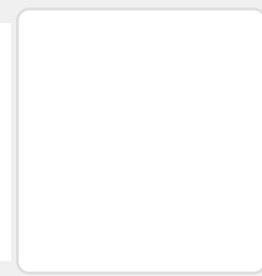
P.Eng Comments

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

Load Rating: 91 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



P.Eng Seal

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Approach

Alignment Fair Steep grade onto bridge on river left approach.

Bridge Ahead Signs Missing 0 1 2

Brushing Required N

Delineator Missing Left 0 1 2

Delineator Missing Right 0 1 2

Fender Condition Poor Approach logs have rolled off to sides.

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs Fair Two high log cribs. Downstream half of river right abutment is not fully supported and is undermined.

Tie Backs Fair

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Poor Structure does not have ballast walls.

Wing Wall Fair

Bracing

Hardware

Fill Poor Fill under right downstream half of abutment has eroded.

Riprap

Bearings Poor Bearing plates do not fully bear on cribs (up to 4" in some spots). Downstream river right half is poorly cut and structure should be shimmed.

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate **Fair**

Gravel Surface

Curb Rail/Blocks/Posts **Fair**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Fair**

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate TCH-0703 MOF L100 TCH0702 12.192m Mar07 W0356718

Girders Good

Diaphragms N/A

Bracing

Under Trussing

Hardware

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

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m)	0.6	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	4	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	Medium	Shim downstream river right half of abutment to ensure structure full bears on cribs.

2

3

Item	Monitor Description	Frequency
1	Monitor downstream half of river right abutment for further progression of erosion.	Routine Inspection

2

3

Sketch
(Select Signature)