

QC-7834

QC_NEY1000 1.3km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°34'54.9" Longitude -132°6'51"

Crossing Name Not Known

FSR # 10324 Branch # 3

Road Name QC_NEY1000

User km 1.3

Current Load Rating (tonnes) 91

Structure Class Temporary Bridge

Portable Y

Superstructure Steel Box Beam

Deck Type Steel

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m) 12.2

Deck Width (m) 4.3

Updated Data

Latitude 53°34'54.89" Longitude -132°6'50.45"

HD Diff. (m) 10.1 Accuracy (m) 5

4.88

Inspection

Date of Inspection 2017-09-14 3:07:07 PM

Recommended Next Inspection Year 2019

Inspector Name Mitch Lowe

Inspection Company Onsite Engineering Ltd

Inspector Comments



Abutments are poor at best. Consider removing and replacing abutments.

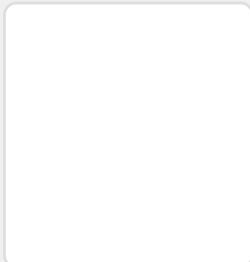
P.Eng Comments

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

Load Rating: 5 Tonnes GVW

Next Inspection: September 1, 2020

Comments: Shim or replace log with level fully bearing with portable bridge



P.Eng Seal

Approach

Alignment Fair Vertical curve on river right approach, but 5m back of bridge.

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 No approach barriers

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair Single sill on a raft of mudsills. All temporary materials showing signs of age but no crushing noted.

Piles or Posts

Ballast Wall Poor Does not extend to road surface.

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings Poor Sills are cut flat, but poorly. Bearing plates overhang sills by up to 4" with the river right abutment being the worse of the two. Various gaps in bearing and structure should at the

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

Non-slip surface is worn.

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) | 0.5 | High Water | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m) | 2 | Aggradation | <input type="checkbox"/> | Scour | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 0.1 | Ice | <input type="checkbox"/> | | |

Comments

Repairs and Monitoring

Repair

| Item | Priority | Repair Description |
|------|----------|---|
| 1 | Medium | Shim structure to achieve adequate bearing across the timber sills. Consider removing and replacing abutments and installing ballast walls. |

2

3

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
| 1 | | |

2

3

Sketch
(Select Signature)