

QC-7114

BM3000 0.4km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°28'45.9" Longitude -132°30'21.4"

Crossing Name Not Known

FSR # 8229 Branch # 16

Road Name BM3000

User km 0.4

Current Load Rating (tonnes) 68

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 12.2

Deck Width (m) 3.9

Updated Data

Latitude 53°28'46.52" Longitude -132°30'22.09"

HD Diff. (m) 23.0 Accuracy (m) 5

3.4

Inspection

Date of Inspection 2018-09-15 3:56:29 PM

Inspector Name Robert Kemmler

Inspector Comments

Serial/ID Plate

Inside guards=4.9m
Sub-deck=3.9m
Running Planks =3.4m

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 68 Tonnes GVW
Next Inspection: September 1, 2020
Comments:



February 6 2019
P.Eng Seal

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Approach

Alignment **Poor** Curves on both approaches

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** No approach barriers

Posted Load Rating 0 None posted

Road Surface **Poor** Road grown in

Abutment

Log/Timber Cribbs **Fair** Poorly constructed cribs. Functioning for now.

Tie Backs **Fair**

Bin Wall **N/A**

Concrete **N/A**

Caps or Sills **Fair**

Piles or Posts **N/A**

Ballast Wall **Good**

Wing Wall **N/A**

Bracing **Fair**

Hardware **Fair**

Fill **Good**

Riprap **Poor** Poorly placed riprap, not interlocked, rolling into the stream channel.

Bearings **Fair**

Corrosion Protection **Poor** Heavy scaling on all steel components

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Deck

Running Surface	Poor	Road grown in
Running Planks	Poor	Rotten, replace prior to industrial activity
Sub Deck	Poor	Rotten, replace prior to industrial activity
Ties	Poor	Rotten, replace prior to industrial activity
Nails	Poor	Rotten, replace prior to industrial activity
Deck to Girder Bolts		
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Rotten, replace prior to industrial activity
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Poor	Rotten, replace prior to industrial activity
Gravel Depth (mm)	0	

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Steel/Concrete

Girders	Good	Heavy scaling on all steel components
Diaphragms	Good	Heavy scaling on all steel components
Bracing	Fair	Heavy scaling on all steel components
Under Trussing	N/A	
Hardware	Fair	Heavy scaling on all steel components
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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1	High	Replace cross ties, sub-deck, running planks and timber guard rails prior to industrial activity.
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2

3

Item

Monitor Description

Frequency

1	Scour expected to advance due to poor riprap placement.
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Routine Inspection

2

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Sketch
(Select Signature)