

QC-7600

QC_LGS1000 1.1km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°28'48.2" Longitude -132°4'48.2"

Crossing Name Not Known

FSR # 10141 Branch # 01A

Road Name QC_LGS1000

User km 1.1

Current Load Rating (tonnes) 54

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Gravel

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m) 9.5

Deck Width (m) 5.9

Updated Data

Latitude 53°28'48.6" Longitude -132°4'49.22"

HD Diff. (m) 22.5 Accuracy (m) 5

8.3

5.0

Inspection

Date of Inspection 2018-09-17 9:58:36 AM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate

8.3m log structure overtopping a old 6.1m log structure. Both are poorly constructed. Unable to assess stringers on overtopper but appear to be undersized for the span. Overtop Bridge is resting directly onto old structure underneath. This structure should be assessed by a P.Eng and load rated. Load rating should be posted once complete.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018

Load Rating: 54 Tonnes GVW

Next Inspection: September 1, 2020

Comments: Post load rating sign

February 6 2019
P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Poor None.

Posted Load Rating 0 None posted

Road Surface Fair

Abutment

Log/Timber Cribs Good

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap Poor None

Bearings Fair

Corrosion Protection N/A

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Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	Fair	
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)	300	Minimum 600mm required.

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**

Log Curbs Fair

No curb logs, large guard logs are acting as curbs.

Needle Beam N/A

Needle Lashing/
Shimming N/A

Needle Beam to Crib (m)

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

Estimated Present Water Level Depth (m)	0.1	High Water	Debris
Estimated Present Water Level Width (m)	0.3	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.0	Ice	

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Add fill to existing structure, bring fill depth to 600mm. May have to add curbs after fill is added.
2	Medium	Add delineators on all four corners and bridge ahead signs.
3	High	Load rate structure and post.

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)