

QC-7833

QC_MOS1000 3.7km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°4'4.28" Longitude -132°11'6.32"

Crossing Name Jovo Creek

FSR # 10247 Branch # 1

Road Name QC_MOS1000

User km 3.7

Current Load Rating (tonnes) 5

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Gravel

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 11

Deck Width (m) 4.5

Updated Data

Latitude 53°4'4.53" Longitude -132°11'6.38"

HD Diff. (m) 7.7 Accuracy (m) 5

N

Log Stringer

10.2

5

Inspection

Date of Inspection 2017-09-12 12:34:22 PM

Recommended Next Inspection Year 2018

Inspector Name Mitch Lowe

Inspection Company Onsite Engineering Ltd

Inspector Comments



Unsure of why the load rating for this structure is reduced. Likely due to the abutment condition. Superstructure is in excellent shape and this structure could easily be upgraded to support haul trucks. Structure is well lashed.

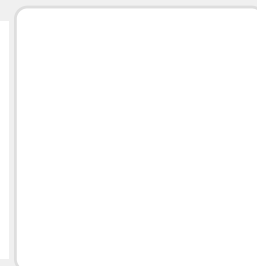
P.Eng Comments

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

Load Rating: 5 Tonnes GVW

Next Inspection: September 1, 2020

Comments: Replace stringer #7 to increase load rating



P.Eng Seal



Approach

Alignment **Good**

Bridge Ahead Signs Missing 0 1 2

Brushing Required **N**

Delineator Missing Left 0 1 2

Delineator Missing Right 0 1 2

Fender Condition **Good**

Posted Load Rating **0** Load limit sign but no limit is written on the sign.

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills **Good**

Piles or Posts

Ballast Wall **Good**

Wing Wall

Bracing

Hardware **Good**

Fill

Riprap **Poor** Riprap on river left bank has completely eroded, leaving fill exposed and over steepened. High risk for erosion.

Bearings **Good**

Corrosion Protection

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Deck

Running Surface	Good
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	
Concrete Deck	
Grout Pockets	
Deck Joints	
Steel Deck Plate	
Gravel Surface	Good
Curb Rail/Blocks/Posts	Good
Hand Rails/Walkouts	
Hardware	
Overall Deck Condition	Good
Gravel Depth (mm)	0.4

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Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs **Good**

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	Y	75	1		
2	Cw	Y	78	1		
3	Cw	Y	81	1		
4	Cw	Y	84	1		
5	Cw	Y	66	1		
6	Cw	Y	89	1		
7	Cw	Y	71	1		
8	Cw	Y	85	1		

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	<input checked="" type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	3	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	1.5	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Replace 1 left hand and 1 right hand delineator.
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2

3

Item	Monitor Description	Frequency
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1	Monitor riprap on river left abutment.	Routine Inspection
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2

3

Sketch
(Select Signature)