

CK-2012

BLUE MOUNTAIN 300 0.8km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°14'9.6"	-122°28'7.6"		
Crossing Name	McFadden Creek		
FSR #	5913	Branch #	2
Road Name	BLUE MOUNTAIN 300		
User km	0.8		
Previous Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Treated		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	9.4		
Deck Width (m)	4.3		

Updated Data

Latitude	Longitude		
49°14'10.12"	-122°28'8.34"		
HD Diff. (m)	21.9	Accuracy (m)	5
L75 or 68 tonnes			

Inspection

Date of Inspection 2019-09-24 9:11:49 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Brush approaches, replace missing delineator, replace undersized fender logs and post bridge ahead signs. The current load rating of L75 or 68 tonnes can continue.



2020-01-21

P.Eng Seal

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Approach

Alignment Fair

 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

Old logs, too low

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

3x Lock blocks both abutments

Caps or Sills Fair

Treated timber sills

Piles or Posts

Ballast Wall Good

Treated timbers

Wing Wall Good

Lock blocks

Bracing Good

Geogrid between each row blocks

Hardware

Fill Good

Riprap Fair

Small rock in front of abutment

Bearings Fair

Timber sills shimmed upstream left and downstream right

Corrosion Protection

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Deck

Running Surface

Running Planks Good

Sub Deck Good

Ties Good Treated

Nails Good

Deck to Girder Bolts Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good Treated

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair minor corrosion

Diaphragms Fair 3 bolted bays

Bracing Fair minor corrosion

Under Trussing

Hardware Fair

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

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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- | | | |
|---|--------|--|
| 1 | Medium | Replace fender logs |
| 2 | Low | Replace missing delineator |
| 3 | Medium | Brush approaches and post bridge ahead signs |

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Typical bearing



Left Bank Abutment when facing downstream



Downstream right bank timber sill shimmed



Upstream left bank shimmed



Right Bank Abutment when facing downstream



Upstream left bank shim



Downstream right bank shim



Superstructure