

CK-2012

BLUE MTN TWO 0.8km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°14'9.6"	-122°28'7.6"
Crossing Name	McFadden Creek
FSR #	5913
Branch #	2
Road Name	BLUE MTN TWO
User km	0.8
Current 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°14'10.25"	-122°28'8.99"
HD Diff. (m)	34.5
Accuracy (m)	10

Inspection

Date of Inspection 2017-07-20 9:00:51 AM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2019

Inspection Company MFLNRO

P.Eng Comments

Brush approaches and post bridge ahead signs. Present load rating of L75 or 68 tonnes.



30/08/2017

P.Eng Seal

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Approach

Alignment Fair

 Bridge Ahead Signs
 Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y Minor

 Delineator Missing
 Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
 Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Fair 3x lock block abutments

Caps or Sills Fair Treated timbers and shimmed both banks

Piles or Posts

Ballast Wall Good Treated timbers

Wing Wall

Bracing Good Geogrid between each row of blocks

Hardware Good

Fill Good

Riprap Fair Seems undersized

Bearings Fair Shimmed at both abutments therefore not uniform

Corrosion Protection

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Deck

Running Surface

Running Planks **Good**

Sub Deck **Good** Treated

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**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Fair Slight corrosion

Diaphragms Fair 3 bolted bays, slight corrosion

Bracing Fair Slight corrosion

Under Trussing

Hardware

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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Post bridge ahead signs
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2	Low	Brush approaches
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3		
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Item	Monitor Description	Frequency
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1		
---	--	--

2		
---	--	--

3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Looking downstream from deck



Deck



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Slight corrosion noted on superstructure



Right bank, downstream girder shimmed at bearing



Left bank, upstream girder shimmed at bearing



Right Bank Abutment when facing downstream



Superstructure