

CK-2092

FLORENCE LAKE 4.2km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°15'30.39"	-122°21'56.7"
Road Name	FLORENCE LAKE
User km	4.2
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	18.6
Deck Width (m)	4.9

Updated Data

Latitude	Longitude		
49°15'31.13"	-122°21'56.73"		
HD Diff. (m)	22.6	Accuracy (m)	5
Florence Lake			
4.2			
L75 or 68 tonnes			
Permanent Bridge			
N			
Steel I-beam			
Concrete Composite			
Steel Pipe and Precast Pad			
Steel Pipe and Precast Pad			
1			
18.6			
4.9			

Inspection

Date of Inspection 2014-08-29 11:36:27 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present rating of L75 or 68 tonnes to continue.

T. W. Miller
Dec 18/2014



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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

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware N/A

Fill Good

Riprap Good

Bearings Good

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Corrosion Protection Fair

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 Fair

Grout Pockets Fair

Deck Joints Fair cracks noted however no moisture noted getting through

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Good

Diaphragms Good 4 bays, bolted

Bracing Good

Under Trussing N/A

Hardware N/A

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)	Comment
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Hazards

Estimated Present Water Level Depth (m) 0.2

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 3.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 2.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Monitor Item

Monitor Description

Monitoring Frequency

1 deck joints

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Deck



cracks in deck joints



Approach from Left Bank when facing downstream

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Structure ID



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream