

CK-2099

FLORENCE LAKE 14.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°19'21.69"	-122°20'16"
Road Name	FLORENCE LAKE
User km	14.1
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)	21.5
Deck Width (m)	4.8

Updated Data

Latitude	Longitude		
49°19'20.38"	-122°20'15.59"		
HD Diff. (m)	41.6	Accuracy (m)	5
Florence Lake			
13.8			
L75 or 68 tonnes			
Permanent Bridge			
N			
Steel I-beam			
Concrete Composite			
Steel Pipe and Precast Pad			
Steel Pipe and Precast Pad			
1			
21.4			
4.9			

Inspection

Date of Inspection 2014-08-29 12:49:41 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present load rating of L75 or 68 tonnes to continue.

Till
Dec 18/2014

CK-2099

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Approach

Alignment Fair

HC and VC both approaches

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 not posted

Road Surface Fair

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 7 panels, flared both sides on right approach

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Good 2 steel I beams

Diaphragms Good 5 bays, bolted

Bracing Good

Under Trussing N/A

Hardware Good

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

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 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

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

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superstructure