

CK-2095

FLORENCE LAKE 9.4km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°17'34.29"	-122°20'23.1"
Road Name	FLORENCE LAKE
User km	9.4
Current Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Compo Girders
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	27.7
Deck Width (m)	4.3

Updated Data

Latitude	Longitude		
49°17'33.32"	-122°20'21.99"		
HD Diff. (m)	37.7	Accuracy (m)	5
Florence Lake			
9.1			
L60 or 54 tonnes			
Permanent Bridge			
N			
Compo Girders			
Concrete			
Steel Pipe and Precast Pad			
Steel Pipe and Precast Pad			
1			
27.4			
4.3			

Inspection

Date of Inspection 2014-08-29 12:07:57 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present load rating of L60 or 54 tonnes to continue.

T. Miller
Dec 18/2014



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Approach

Alignment Fair

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 Fair

Piles or Posts Fair

Ballast Wall Good

Wing Wall N/A

Bracing Fair

Hardware N/A

Fill Fair

Riprap Fair

Bearings Fair

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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 Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair both rails have sustained minor damage but still functional

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders	Fair	2 compo girders with hairline cracks
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Diaphragms	Good	2 bays
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Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted shear connectors	N/A
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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) 0.4

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 5.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 4.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Monitor Item

Monitor Description

Monitoring Frequency

1 guardrail condition

Routine Inspection

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Guard Rail



Guard Rail



Guard Rail

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Approach from Left Bank when facing downstream



superstructure



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream