

CK-2094

FLORENCE LAKE 7.8km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°17'7.5"	-122°21'22.7"
Road Name	FLORENCE LAKE
User km	7.8
Current Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Box Beam
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	16.7
Deck Width (m)	4.9

Updated Data

Latitude	Longitude		
49°17'7.53"	-122°21'22.26"		
HD Diff. (m)	9.1	Accuracy (m)	5
Florence Lake			
7.5			
L60 or 54 tonnes			
Permanent Bridge			
N			
Others			
Gravel			
Steel Pipe and Precast Pad			
Steel Pipe and Precast Pad			
1			
16.7			
4.9			

Inspection

Date of Inspection 2014-08-29 11:50:37 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Skewed

P.Eng Comments

Monitor fill at approaches. Present load rating of L60 or 54 tonnes to continue.

T.W. Miller
P.Eng. Seal
#35995
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 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating not posted

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good concrete cap

Piles or Posts Fair

Ballast Wall N/A

Wing Wall N/A

Bracing Fair

Hardware N/A

Fill Fair eroding at approaches

Riprap Fair

Bearings Good

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Corrosion Protection N/A

Deck

Running Surface N/A

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Unrated buried

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface Fair

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm) 200

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Steel/Concrete

Girders Good 4 concrete box beams

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted shear connectors Unrated gravel deck

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) 0.1

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 1.0

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

2

3

**Monitor
Item**

Monitor Description

Monitoring
Frequency

1 eroding fill at road edges

Routine Inspection

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



fill erosion left upstream approach

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fill erosion left downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



conduit casing