

CK-2097

FLORENCE LAKE 13.6km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°19'9.99"	-122°20'11.1"		
Crossing Name	Not Known		
FSR #	8648	Branch #	1
Road Name	FLORENCE LAKE		
User km	13.6		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Other		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	11.9		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°19'9.72"	-122°20'11.08"		
HD Diff. (m)	8.6	Accuracy (m)	5
13.2			

Inspection

Date of Inspection 2017-07-20 11:25:16 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Clean sediment from the deck. Present load rating of L75 or 68 tonnes to continue.



08/09/2017

P.Eng Seal

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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 Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good Cap/wall combo

Piles or Posts Unrated Buried

Ballast Wall Good

Wing Wall

Bracing Unrated Buried

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Unrated Buried

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**Deck**

Running Surface	Fair	sediment on deck
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck	Good	
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Grout Pockets		
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Deck Joints	Good	
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Poor	rotting risers and blocks
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Hand Rails/Walkouts		
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Hardware	Poor	loose rail bolts
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Overall Deck Condition	Poor	due to rail condition
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Gravel Depth (mm)		
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Steel/Concrete

Serial/ID Plate

Girders **Good** 2 inverted C channels

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors **Good** **Welded****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)	0.05	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Clean sediment from deck
2	Medium	Replace guardrail, risers and blocks

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Guard Rail



Deck



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream