

CK-2094

FLORENCE LAKE 7.8km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°17'7.5"	-122°21'22.3"		
Crossing Name	not known		
FSR #	8648	Branch #	1
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	Gravel		
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°17'7.54"	-122°21'23.26"		
HD Diff. (m)	19.5	Accuracy (m)	5
7.5			

Inspection

Date of Inspection 2017-07-20 10:39:06 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Sideblocks sampled in various locations, some cored fair while others cored poor

P.Eng Comments

Replace the guardrail, risers, blocks and grading strip. Replace the missing delineator. Present load rating of L60 or 54 tonnes to continue.



08/09/2017

P.Eng Seal

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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 Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good

Piles or Posts Good

Ballast Wall

Wing Wall

Bracing Good

Hardware Fair

Fill Fair Loosing material under cap

Riprap Fair

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Poor	Sideblocks are up to 50% rotten
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Hand Rails/Walkouts

Hardware

Overall Deck Condition	Poor	Due to sideblock condition
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Gravel Depth (mm)	150
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**Steel/Concrete**

Serial/ID Plate

Girders **Good** 4 concrete slabs

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace missing left delineator

2	Medium	Replace guardrail, risers, blocks and grading strip
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3		
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Item	Monitor Description	Frequency
1		

2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Utilities attached to superstructure



Guard Rail