

CK-2092

FLORENCE LAKE 4.2km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°15'31.1"	-122°21'56.7"		
Crossing Name	Rockwell Creek		
FSR #	8648	Branch #	1
Road Name	FLORENCE LAKE		
User km	4.2		
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)	18.6		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°15'30.09"	-122°21'56.63"		
HD Diff. (m)	31.3	Accuracy (m)	5
3.9			

Inspection

Date of Inspection 2017-07-20 10:12:36 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 off deck. Present load rating of L75 or 68 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 68040

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Fair Rubber bearing pads slightly bulging

Corrosion Protection Fair

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Good

Deck Joints Fair Minor surface cracks and water getting through some joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Side blocks up to 50% rotten

Hand Rails/Walkouts

Hardware

Overall Deck Condition Poor Due to rotting sideblocks and loose rail bolts

Gravel Depth (mm)

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**Steel/Concrete**

Serial/ID Plate

Girders Good

Diaphragms Good 4 bolted bays - slight corrosion noted

Bracing Good

Under Trussing

Hardware Good

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.5	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	Low	Clean sediment from deck
2	Medium	Replace guardrail, risers and blocks

3

Item	Monitor Description	Frequency
1	deck joints	Routine inspection

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck

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Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Utilities hung from deck



Structure ID



Left Bank Abutment when facing downstream



Water getting through deck joints but not severe