

CK-2099

FLORENCE LAKE 14.1km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°19'21.69"	-122°20'16"		
Crossing Name	Con Creek		
FSR #	8648	Branch #	1
Road Name	FLORENCE LAKE		
User km	14.1		
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)	21.5		
Deck Width (m)	4.8		

Updated Data

Latitude	Longitude		
49°19'21.1"	-122°20'15.84"		
HD Diff. (m)	18.9	Accuracy (m)	5
13.8			

Inspection

Date of Inspection 2017-07-20 11:57:55 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Repair damage to ballast wall; replace the missing delineator and reattach the bull nose to the barriers where required. Present load rating of L75 or 68 tonnes to continue.



08/09/2017

P.Eng Seal

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Approach

Alignment Fair

HC and VC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Fair

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Damage noted at right bank

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Some blocks and risers up to 30% rot

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair Recommend replacing the guardrail system

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good Slight corrosion noted

Bracing Good Slight corrosion noted

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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	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 | Low | Attach bullnoses to transitions |
| 2 | Medium | Repair damage to ballast wall |
| 3 | Medium | Replace guardrail, risers and blocks |
| | Medium | Replace missing delineator |

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Exposed rebar on right bank ballast wall



Guardrail damage downstream right bank - still functional



Deck



Looking downstream from deck



Looking upstream from deck



Right Bank Abutment when facing downstream



Superstructure



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream

