

CK-2098

FLORENCE LAKE 13.6km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°19'17.19"	-122°20'11.5"
Crossing Name	Sayers Creek
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)	15.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°19'17.05"	-122°20'11.89"
HD Diff. (m)	9.1
Accuracy (m)	5
13.5	

Inspection

Date of Inspection 2017-07-20 11:39:28 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 and brush approaches. Realign the bull noses where noted. 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 Y Minor

 Delineator Missing
 Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
 Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair requires realigning and reattaching of bullnoses

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

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotten sideblocks and risers

Hand Rails/Walkouts

Hardware Poor Loose rail bolts

Overall Deck Condition Poor Due to rail condition

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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Brush approaches and clean sediment from deck
2	Medium	Replace guardrail, risers and blocks
3	Medium	Attach bullnose to transition at downstream right bank and upstream left bank

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Guard Rail



Guard Rail



Looking downstream from deck



Looking upstream from deck



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream