

CK-2095

FLORENCE LAKE 9.4km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°17'33.29"	-122°20'21.9"
Crossing Name	Kearsley Creek
FSR #	8648 Branch # 1
Road Name	FLORENCE LAKE
User km	9.4
Current Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Compo Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	27.4
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°17'32.96"	-122°20'22.27"
HD Diff. (m)	12.9 Accuracy (m) 10
9.2	

Inspection

Date of Inspection 2017-07-20 11:00:45 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the missing delineator. Present load rating of L60 or 54 tonnes to continue.



08/09/2017

P.Eng Seal

CK-2095

FLORENCE LAKE 9.4km

2017 Inspection



CBR iPad Offline Ver 0.26

Approach

Alignment Fair

VC left approach

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 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 Fair Steep at right bank

Bearings Good

Corrosion Protection Fair

CK-2095

FLORENCE LAKE 9.4km

2017 Inspection

CBR iPad Offline Ver 0.26



Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets Fair

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Some damage noted but still functional

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

CK-2095

FLORENCE LAKE 9.4km

2017 Inspection



CBR iPad Offline Ver 0.26

Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 2 bolted bays

Bracing

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

CK-2095

FLORENCE LAKE 9.4km

2017 Inspection

CBR iPad Offline Ver 0.26



Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
-------------	----------	--------------------

1	Medium	Replace missing delineator
---	--------	----------------------------

2		
---	--	--

3		
---	--	--

Item	Monitor Description	Frequency
------	---------------------	-----------

1		
---	--	--

2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Looking downstream from deck



Looking upstream from deck



Guardrail damage downstream right approach - still functional



Different style of W beam rail upstream vs downstream



Guardrail damage upstream left approach - still functional



Damaged section of guardrail - still functional



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Left Bank Abutment when facing downstream