

CK-2095
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FLORENCE LAKE 9.2km

2020 Inspection

CBR iPad Offline Ver 0.33



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	9.2
Previous 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
°0'0"	°0'0"
HD Diff. (m)	5487225.2
Accuracy (m)	
L60 or 54 tonnes	

Inspection

Date of Inspection 2020-05-26 10:53:33 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace the missing delineator and grade approaches. The guardrail and risers have sustained damage throughout, and although they are still functional I recommend a complete replacement of them. The current load rating of L60 or 54 tonnes to continue.



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Approach

Alignment Fair

VC left approach

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 Poor

Potholes

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Fair

Large boulders but not well graded or keyed together

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 Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Different style W beam with damage noted throughout; however all still functional

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Composite

Diaphragms Good

2 internal 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

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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	25.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach surfacing grading. m. Priority:Low	Grade approaches
2 Structure. Delineator maintenance. . Priority:Low	Replace missing delineator
3 Structure. Full Curb Replacement. . Priority:Medium	Replace all guardrail with HSS

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Guard Rail condition at downstream right bank



Guard Rail condition at upstream right bank



Guard Rail at downstream right bank



Upstream from Crossing



Downstream from Crossing



Guard Rail condition at upstream near center span



Downstream risers are different at downstream end



Guardrail damage at upstream left bank



Guardrail condition at downstream left bank



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Debris accumulations throughout stream



Left Bank Abutment when facing downstream



Superstructure