

CK-2094
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FLORENCE LAKE 7.5km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°17'7.5"	-122°21'22.3"
Crossing Name	not known
FSR #	8648
Branch #	1
Road Name	FLORENCE LAKE
User km	7.5
Previous Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Box Beam
Deck Type	Gravel
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	16.7
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5486427.5
Accuracy (m)	
L60 or 54 tonnes	

Inspection

Date of Inspection 2020-05-26 11:22:39 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Replace missing 150mm x 150mm grading strip along both the upstream and downstream deck edges and place 150mm gravel fill. Replace the missing delineator and grade approaches. The current load rating of L60 or 54 tonnes to continue.



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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating Not posted

Road Surface Poor Potholes on approaches and over deck

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Piles or Posts Fair

Ballast Wall

Wing Wall

Bracing Fair

Hardware

Fill Fair

Riprap Fair Very little at either abutment but still functional

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface Poor Potholes on approaches and over deck

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotten

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Poor Due to rail condition

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good 4 concrete slabs

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors Unrated Welded and only 1 visible

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)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Delineator maintenance. . Priority:Low	Replace missing delineator
2 Structure. Full Curb Replacement. . Priority:Medium	Replace guardrail, risers and blocks and replace grading strip
3 Medium	Grade approaches
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Deck



Approach Barrier



Upstream from Crossing



Downstream from Crossing



Guard Rail



Guard Rail



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Utilities located at downstream end



Guard Rail