

CK-2098
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FLORENCE LAKE 13.6km

2020 Inspection

CBR iPad Offline Ver 0.33



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
Previous 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
°0'0"	°0'0"
HD Diff. (m)	5490438.0
Accuracy (m)	
L75 or 68 tonnes	

Inspection

Date of Inspection 2020-05-26 10:20:52 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Reattach the bull-noses to the concrete barriers at the right bank and replace the missing bull-nose at the upstream left bank. Replace the missing delineator. Brush and grade approaches. The current load rating of L75 or 68 tonnes to continue.



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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Reattach bullnoses at right bank and add to upstream left bank barriers

Posted Load Rating

Not posted

Road Surface Poor

Large pothole at left approach

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

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

Hand Rails/Walkouts

Hardware Poor Loose rail bolts

Overall Deck Condition Poor Due to rail condition

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders **Good**

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description	
1 Structure. Full Curb Replacement. . Priority:Medium	Replace guardrail, risers and blocks	
2 Approach. Approach fenders (re-Install). # of units. Priority:Low	Reattach bull noses at right approach and add bull nose to upstream left approach	
3 Approach. Approach surfacing grading. m. Priority:Medium	Grade and grade approaches	
4		
5		
6		
7		
Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Bullnoses not attached at right approach



Deck



Guard Rail



Guard Rail



Upstream from Crossing



Downstream from Crossing



Guard Rail



Missing bull nose at upstream left approach



Approach from Left Bank when facing downstream



Large pothole at left approach



Upstream Profile



Right Bank Abutment when facing downstream



Superstructure



Left Bank Abutment when facing downstream



Shear connectors