CK-2097
CK-2097

FLORENCE LAKE 13.2km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°19'9.99"	-122°20'11.1"

Crossing Name: Not Known

FSR #: 8648 Branch #: 1

Road Name: FLORENCE LAKE

User km: 13.2

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): 11.9

Deck Width (m): 4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m): 5490215.4 Accuracy (m):

L75 or 68 tonnes

Inspection

Date of Inspection: 2020-05-26 10:33:32 AM

Inspector Name: Tyson Miller

Recommended Next Inspection Year: 2023

Inspection Company: FLNRORD

Inspector Comments

P.Eng Comments

Replace the guardrail, risers and blocks. Brush and grade approaches. The current load rating of L75 or 68 tonnes to continue.

2020-12-04

P.Eng Seal

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	Large potholes at both approaches

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

Deck

Running Surface	Good	
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		

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	

Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	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. Area/sight line brushing. m². Priority:Low	Brush approaches
3	Approach. Approach surfacing grading. m. Priority:Medium	Grade approaches
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Guard Rail

Guard Rail

Deck

Downstream from Crossing

Shear connectors

Concrete wear at downstream right bank

Upstream from Crossing

Approach from Right Bank when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream