

CK-2099
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FLORENCE LAKE 13.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°19'21.69" Longitude -122°20'16"

Site Status Active

Insp. Status Inspect

Crossing Name Con Creek

FSR # 8648 Branch # 1

Road Name FLORENCE LAKE

User km 13.8

Previous Load Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 21.5

Deck Width (m) 4.8

Updated Data

Latitude 49°19'20.88" Longitude -122°20'15.66"

HD Diff. (m) 26.2 Accuracy (m) 6

Inspection

Date of Inspection 2022-10-21 1:41:04 PM

Inspector Name Cameron VandenBrink, EIT

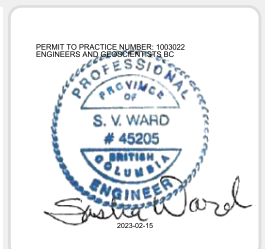
Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 15 2023
Load rating: 68 tonne or L75 to continue
Comments: requires repair to right bank ballast wall and deck panel #1- as per Concrete Repair Guide for Concrete Bridge Components (MoFLNRO 2017)
Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC and vc both approaches

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 Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Poor Downstream right still requires repairs.

Wing Wall

Bracing

Hardware

Fill Good

Riprap Good Repaired since 2021 inspection

Bearings Good

Corrosion Protection Good

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Good

Sediment on deck

Grout Pockets

Fair

Deck Joints

Fair

Water drips onto girder, more corrosion at these locations

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Good

Hand Rails/Walkouts

Hardware

Good

Overall Deck Condition

Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Minor corrosion

Diaphragms Fair

5 bolted bays, minor corrosion

Bracing Fair

Minor corrosion

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)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	3	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Concrete structural maintenance. m². Priority:High	Repair right ballast wall

2

3

4

5

6

7

Item	Monitor Description	Frequency
1 Deck joints		Routine Inspection

2

3



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Right bank approach when facing downstream



Approach from bridge deck of Left bank approach when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile



Downstream right top ballast wall damage



Structure ID



Superstructure