

CK-2168
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LOST CREEK 8.6km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°20'29.19" Longitude -122°14'26.2"

Site Status Active

Insp. Status Inspect

Crossing Name Twin Lakes Creek

FSR # 8466 Branch # 1

Road Name LOST CREEK

User km 8.6

Previous Load
Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 21.4

Deck Width (m) 4.9

Updated Data

Latitude 49°20'29.2" Longitude -122°14'29.46"

HD Diff. (m) 65.6 Accuracy (m) 7

Inspection

Date of Inspection 2022-09-01 11:10:28 AM

Inspector Name Cameron VandenBrink, EIT

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

P.Eng Comments

Load Rated by: MoF, M.Lowe, RPF, PEng, February 15, 2023

Load Rating: 68 Tonnes GVW, L-75

Next Inspection: September 1, 2025

Comments: No major issues. Recommend low priority repairs items outlined in inspection are completed.



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC and vc from town

Bridge Ahead Signs
Missing

☐ 0

☐ 1

☒ 2

Both Extremely damaged due to being shot, require replacement

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 Fair

Minor potholes on woods approach

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair

Town needs repair. Not load restricting

Wing Wall Good

Upstream woods and downstream town has single tier interlocking blocks for fill retainment

Bracing Good

Hardware

Fill Good

Riprap Good

Town downstream over steepened appears stable

Bearings Good

Corrosion Protection Fair

Some wear

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Deck

Running Surface Minor potholes on woods approach

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Some wear and sediment on deck

Grout Pockets Good

Deck Joints Good

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 Good

Diaphragms Good 4 bay

Bracing Good Bolted

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)	.15	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Concrete structural maintenance. m². Priority:Low	Town ballast wall top has exposed rebar
2 Approach. Bridge Ahead Signs. # of signs. Priority:Low	Install new signs and load rating signage

3

4

5

6

7

Item	Monitor Description	Frequency
1	Town downstream riprap	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



Ballast Wall



Deck



Right Bank Abutment when facing downstream



Downstream Profile



Left Bank Abutment when facing downstream