

CK-2165
CK-2165

LOST CREEK 2.2km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°17'48.9" Longitude -122°13'58.8"

Site Status Active

Insp. Status Inspect

Crossing Name Murdo Creek

FSR # 8466 Branch # 1

Road Name LOST CREEK

User km 2.2

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) 32.3

Deck Width (m) 4.9

Updated Data

Latitude 49°17'49.17" Longitude -122°13'59.02"

HD Diff. (m) 9.5 Accuracy (m) 8

Inspection

Date of Inspection 2022-09-01 12:19:29 PM

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

CK-2165
CK-2165

LOST CREEK 2.2km

2022 Inspection

CBR iPad Offline Ver 0.36



Approach

Alignment Fair

HC, structure has flared panels both ends.

Bridge Ahead Signs
Missing

☐ 0

☐ 1

☒ 2

Small hand made signs present. Replace both

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

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Good

Wing Wall

Bracing

Hardware

Fill Good

Riprap Good

Bearings Fair

Steel scaling

Corrosion Protection Fair

CK-2165
CK-2165

LOST CREEK 2.2km

2022 Inspection

CBR iPad Offline Ver 0.36



Deck

Running Surface Minor potholes

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Showing age

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

CK-2165
CK-2165

LOST CREEK 2.2km

2022 Inspection

CBR iPad Offline Ver 0.36



Steel/Concrete

Girders Fair

Scaling present

Diaphragms Good

5 bay

Bracing Fair

Scaling

Under Trussing

Hardware Fair

Showing age

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

CK-2165
CK-2165

LOST CREEK 2.2km

2022 Inspection

CBR iPad Offline Ver 0.36



Hazards

Estimated Present Water Level Depth (m) .25

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) 3

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance 4

Ic ☐

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Bridge Ahead Signs. # of signs. Priority:Low	Install with load rating signs

2 Approach. Approach surfacing grading. m. Priority:Low	Minor potholes
---	----------------

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor steel scaling.	Routine Inspection

2

3



Approach from Left Bank when facing downstream



Approach from bridge deck of Left bank approach when facing downstream



Approach from bridge deck of Right bank approach when facing downstream



Approach from Right Bank when facing downstream



2022 Inspection

CBR iPad Offline Ver 0.36

LOST CREEK 2.2km

CK-2165
CK-2165



Deck



Upstream from Crossing



Downstream from Crossing



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Bearing



Upstream Profile