

CK2479
CK-2479

GRIZZLY 2.1km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°56'18.39"
Longitude -121°54'23.8"

Site Status Active

Insp. Status Inspect

Crossing Name Grizzly Creek

FSR # 6996 Branch # 16

Road Name GRIZZLY

User km 2.1

Previous Load
Rating (tonnes) 68

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Treated

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 19.3

Deck Width (m) 4.9

Updated Data

Latitude 49°56'19.19"
Longitude -121°54'24.13"

HD Diff. (m) 25.3 Accuracy (m) 6

Inspection

Date of Inspection 2022-11-01 1:05:02 PM

Inspector Name Cameron VandenBrink, EIT

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

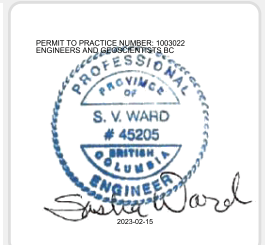
P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 15 2023

Load rating: 68 tonnes or L75

Comments: replace fenders, ensure outside deck planks are secured to cross ties

Next inspections: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Good**

Minor vc onto structure 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 **Poor**

No fenders on right approach

Posted Load Rating

Not posted

Road Surface **Fair**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts **Fair**

Ballast Wall **Good**

Creosote Timbers

Wing Wall

Bracing **Fair**

Hardware

Fill **Fair**

Riprap **Fair**

Right bank is beginning to mobilize

Bearings **Fair**

Corrosion Protection **Fair**

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Deck

Running Surface

Running Planks Fair Not installed tight together. Outside strip not nailed to below

Sub Deck Poor None

Ties Fair Same random damage. Noted previous inspection, likely from removing old sub deck

Nails Fair

Deck to Girder Bolts Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 4 welded bays

Bracing Good

Under Trussing

Hardware

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)	0.6	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). # of units. Priority:Low	Right bank fenders
2 Structure. Minor redecking (wearing surface). m. Priority:Medium	Fasten all deck planks to cross ties
3 Approach. Bridge Ahead Signs. # of signs. Priority:Low	And load rating

4

5

6

7

Item	Monitor Description	Frequency
1	Right bank riprap	Routine Inspection

2

3



Downstream from Crossing



Upstream from Crossing



Approach from bridge deck of Right bank approach when facing downstream



Approach from Right Bank when facing downstream



Deck



Upstream Profile



Right Bank Abutment when facing downstream



Bearing



Left Bank Abutment when facing downstream



Downstream Profile



Approach from Left Bank when facing downstream



Culvert Floor



Right Bank Abutment when facing downstream



Damaged cross tie end



Loose planks



Superstructure



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Deck