

CK-2012
CK-2012

BLUE MOUNTAIN 300 0.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°14'9.6" Longitude -122°28'7.6"

Site Status Active

Insp. Status Inspect

Crossing Name McFadden Creek

FSR # 5913 Branch # 2

Road Name BLUE MOUNTAIN 300

User km 0.8

Previous Load Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Treated

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 9.4

Deck Width (m) 4.3

Updated Data

Latitude 49°14'10.09" Longitude -122°28'8.47"

HD Diff. (m) 23.3 Accuracy (m) 6

9.14

Inspection

Date of Inspection 2022-09-01 2:36:58 PM

Inspector Name Cameron VandenBrink, EIT

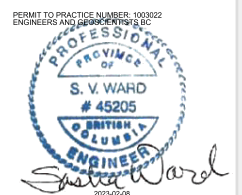
Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Load rated by: MoF Sasha Ward RPF P.Eng, Feb 6 2023
Load rating: 68 tonnes may continue
Comments: continue to monitor rip rap
Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair HC

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair Downstream town needs guide log installed

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good 3 high block wall, no settlement. Geogrid between tiers

Caps or Sills Good

Piles or Posts

Ballast Wall Fair

Wing Wall

Bracing

Hardware Good

Fill Good

Riprap Fair Actively scouring on both sides of channel

Bearings Good

Corrosion Protection

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Deck

Running Surface Fair

Running Planks N/A

Sub Deck Fair

Ties Fair

Nails Fair

Deck to Girder Bolts Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Scaling

Diaphragms Good

One mid span

Bracing Fair

Scaling

Under Trussing

Hardware Fair

Rusting

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	2	Ic	☐		

Comments Monitor both riprap slopes. Woods is further deteriorated than town. Old wbc remains in channel directly upstream of structure.

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). # of units. Priority:Low	Install missing guide log
2 Structure. Delineator maintenance. . Priority:Low	Install 2 missing delineators
3 Approach. Bridge Ahead Signs. # of signs. Priority:Low	Install c/w load rating signage

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor riprap for further scour	Routine Inspection

2

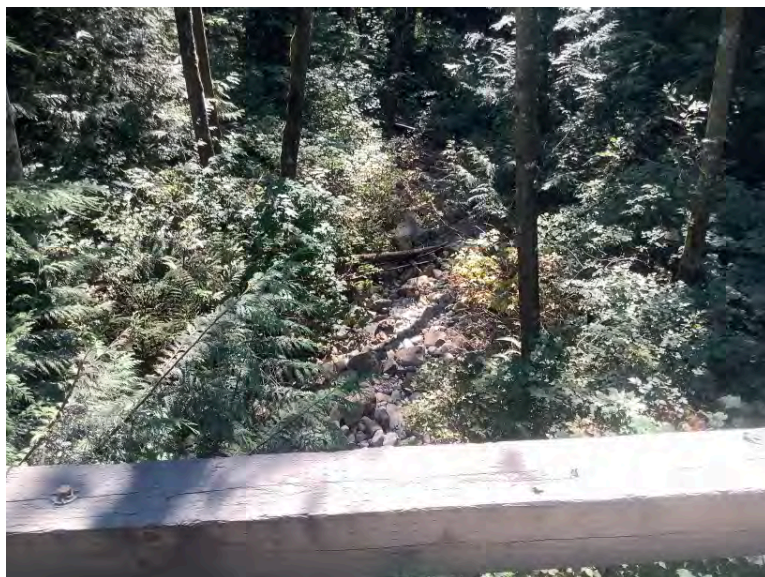
3



Approach from Left Bank when facing downstream



Approach from bridge deck of Left bank approach when facing downstream



Downstream from Crossing



Approach from bridge deck of Right bank approach when facing downstream



Approach from Right Bank when facing downstream



Bearing



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Upstream from Crossing



Deck