

CK-2555
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GARNET 7600 0.4km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°24'37.9" Longitude -121°35'44.1"

Site Status Active

Insp. Status Inspect

Crossing Name unknown

FSR # 7558 Branch # 3

Road Name GARNET 7600

User km 0.4

Previous Load Rating (tonnes) 91

Structure Class Permanent Bridge

Portable N

Superstructure Concrete Slab Girders

Deck Type Concrete

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 12.6

Deck Width (m) 4.9

Updated Data

Latitude 49°24'35.16" Longitude -121°35'35.94"

HD Diff. (m) 184.6 Accuracy (m) 7

Inspection

Date of Inspection 2022-09-12 3:08:30 PM

Inspector Name Cameron VandenBrink, EIT

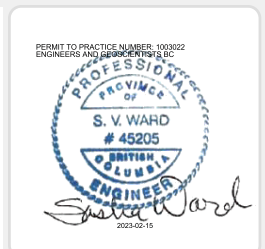
Recommended Next Inspection 2024

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: 91 tonnes, L100
Comments: grading of approaches required to fill potholes,
sweep sediment off of bridge deck
Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☒ 1 ☐ 2 Town side

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 90680

Road Surface Fair

Potholes each end, woods has impact with ballast wall resulting in minor damage.

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good Ballast wall integrated in cap beam

Piles or Posts Unrated Buried

Ballast Wall Good

Wing Wall

Bracing Unrated Buried

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Unrated Buried

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Deck

Running Surface Potholes each end, woods has impact with ballast wall resulting in minor damage.

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good Completely covered in sediment.

Grout Pockets

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good Upstream second riser from the woods end has 1 bolt loose. Can not move by hand.

Hand Rails/Walkouts

Hardware Good Upstream second riser from the woods end has 1 bolt loose. Can not move by hand.

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

5 concrete slabs

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors Good

Welded

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)	.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.8	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	.7	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach surfacing grading. m. Priority:Low	To limit further damage to ballast wall
2 Structure. Hardware (re-torque or tighten). # of items. Priority:Low	One bolt requires tightening

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Load Rating Sign



Approach from bridge deck of Right bank approach when facing downstream



Downstream from Crossing



Upstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Approach from Left Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile



Deck



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Structure ID