

CK-2556
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GARNET 7600 0.6km

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 Garnett Creek

FSR # 7558 Branch # 3

Road Name GARNET 7600

User km 0.6

Previous Load Rating (tonnes) 91

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) 39.6

Deck Width (m) 4.9

Updated Data

Latitude 49°24'37.45" Longitude -121°35'43.37"

HD Diff. (m) 20.2 Accuracy (m) 10

Inspection

Date of Inspection 2022-09-12 2:44:55 PM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

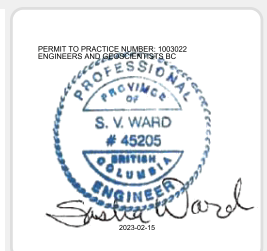
Inspector Comments Serial/ID Plate

P.Eng Comments

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

Load rating: 91 tonnes, L100

Comments: must improve grading practices on approaches as bridge ends have sustained considerable damage in a short time



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC 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 Good

Posted Load Rating 90680

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Impact on each ballast wall from tracked machines. Paraseal joints at both ends have failed.

Wing Wall

Bracing Unrated Buried

Hardware

Fill Good

Riprap Fair Woods beneath structure appears to have been mobilized. Currently appears stable

Bearings Fair Bulging

Corrosion Protection Good Inspected what was visible.

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Damage from tracked machines with ice picks walking across.

Grout Pockets Good

Deck Joints Good Joints between panels are good. Both joints between ballast wall and first panel each end have failed and require replacing.

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 Bolted mid span splice

Diaphragms Good 10 bays

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)	.45	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	20	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.4	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Joint replacement. m². Priority:Low	Replace paraseal joint both ends.
2 Approach. Approach surfacing grading. m. Priority:Medium	To limit impact on ballast walls
3 Structure. Concrete structural maintenance. m². Priority:Medium	Repair ballast walls.
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	Monitor woods riprap	Routine Inspection
2		
3		



Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Load Rating Sign



Left Bank Abutment when facing downstream



Approach from bridge deck of Right bank approach when facing downstream



Approach from Right Bank when facing downstream



Upstream Profile



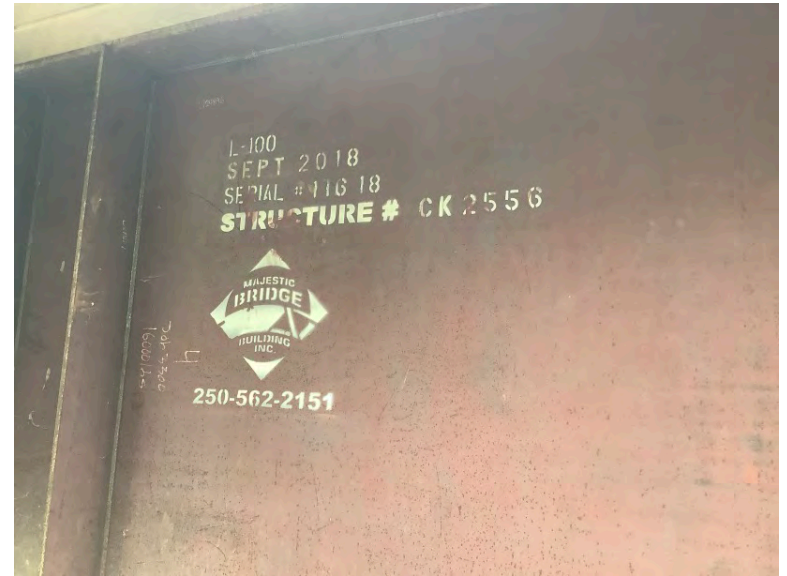
Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



Structure ID



Bearing



Ballast Wall



Deck



Ballast Wall