

CK-2556

GARNET 7600 km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°24'37.9"	-121°35'44.1"
Crossing Name	Garnett Creek
FSR #	7558
Branch #	3
Road Name	GARNET 7600
User km	
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	Longitude
49°24'37.23"	-121°35'44.02"
HD Diff. (m)	20.8
Accuracy (m)	5
0.6km	
L100 or 91 tonnes	

Inspection

Date of Inspection 2019-05-01 12:24:48 PM

Inspector Name Tyson Miller

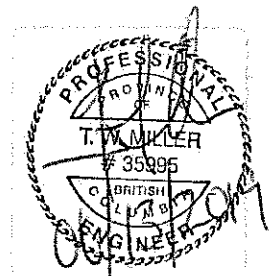
Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Improve the left approach by removing the large boulder and widening the road. The current load rating of L100 or 91 tonnes to continue.



P.Eng Seal

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Approach

Alignment Poor

Very tight HC at left approach

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 Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

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

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Steel/Concrete

Girders Excellent

Diaphragms Excellent 10 bolted bays

Bracing Excellent

Under Trussing

Hardware Excellent

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	25.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1 Medium Improve horizontal alignment at left approach when active

2

3

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Remove large boulder to improve left approach alignment



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Structure ID



Left Bank Abutment when facing downstream



Superstructure



Upstream Profile



Right Bank Abutment when facing downstream