

CK-2555

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 unknown

FSR # 7558 Branch # 3

Road Name GARNET 7600

User km

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

Longitude

49°24'34.91"

-121°35'36.36"

HD Diff. (m) 181.2 Accuracy (m) 5

0.4km.

L100 or 91 tonnes

## Inspection

Date of Inspection 2019-05-01 12:13:07 PM

Inspector Name Tyson Miller

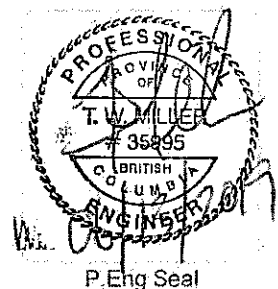
Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace missing hardware and tightening all other hardware. The current load rating of L100 or 91 tonnes to continue.



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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 ☐ 2Delineator 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 Good

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      **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts      **Good**      1 riser bolt loose

Hand Rails/Walkouts

Hardware      **Good**      1 riser bolt loose

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<br>Number | Species | Peeled | Diameter<br>(mm) | Rot Depth<br>(mm) | Condition | Comment |
|--------------------|---------|--------|------------------|-------------------|-----------|---------|
|--------------------|---------|--------|------------------|-------------------|-----------|---------|

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## Hazards

|                                          |     |             |                          |        |                          |
|------------------------------------------|-----|-------------|--------------------------|--------|--------------------------|
| Estimated Present Water Level Depth (m)  | 0.3 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 5.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 1.5 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

Repair

| Item | Priority | Repair Description                                   |
|------|----------|------------------------------------------------------|
| 1    | Low      | Tighten loose rail bolts and replace the missing one |
| 2    |          |                                                      |
| 3    |          |                                                      |

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
| 1    |                     |           |
| 2    |                     |           |
| 3    |                     |           |

Sketch  
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Loose riser bolts



Upstream Profile



Structure ID



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile