

CK-2103

GARNET 8.8km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°24'57.49"	-121°35'23.7"
Crossing Name	East Fork Garnet Creek
FSR #	7558 Branch # 1
Road Name	GARNET
User km	8.8
Previous Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel Box Beam
Deck Type	Steel
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
49°24'56.76"	-121°35'23.07"
HD Diff. (m)	26.0 Accuracy (m) 10

L75 or 68 tonnes

Inspection

Date of Inspection 2019-05-01 12:53:41 PM

Inspector Name Tyson Miller

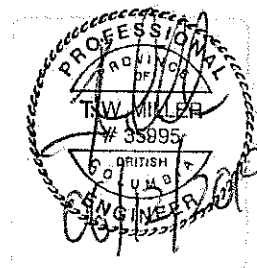
Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace missing delineator and post bridge ahead signs. Add surfacing material to either approach and consider replacing the anti skid surface on the bridge deck. The current load rating of L75 or 68 tonnes to continue.



P.Eng Seal

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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

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

4x lock blocks

Caps or Sills Fair

Creosote timber

Piles or Posts

Ballast Wall Good

Treated timbers

Wing Wall Good

Lock blocks

Bracing Good

Geogrid between each row of blocks

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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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 **Good** Anti skid all worn off

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good Twin box beam

Diaphragms Unrated Internal but no signs of deformation

Bracing Unrated Internal but no signs of deformations

Under Trussing

Hardware

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)	13.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace missing delineator and bridge ahead signs
2	Low	Consider replacing anti skid surfacing to deck plate
3	Medium	Add surfacing to approaches prior to industrial activity

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Requires surfacing at both approaches



Right Bank Abutment when facing downstream



Superstructure



Structure ID



Left Bank Abutment when facing downstream