

SC-8113

ROBERTS FLUME 0.7km

2020 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°26'38.5"	-123°37'2.9"
Crossing Name	Roberts Creek
FSR #	8546
Branch #	1
Road Name	ROBERTS FLUME
User km	0.7
Previous Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Box Beam
Deck Type	Concrete
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	14.7
Deck Width (m)	4.35

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5504084.0
Accuracy (m)	

Inspection

Date of Inspection 2020-11-05 2:21:14 PM

Inspector Name Richard Mills

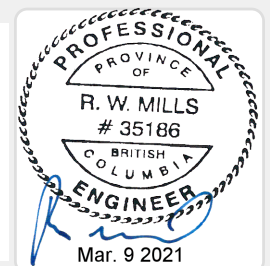
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Feb 18, 2021
Load Rating: L60 or 54 tonnes
Next Inspection: 2023



P.Eng Seal

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Approach

Alignment **Good**Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2Brushing Required **N**Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2Fender Condition **Good**

Posted Load Rating

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete **Good** Cast in place abutmentsCaps or Sills **Good**

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill **Good**Riprap **Good**Bearings **Good**

Corrosion Protection

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets N/A

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 Good

Concrete slabs

Diaphragms

Bracing

Under Trussing

Hardware Good

Welded/grouted
shear connectors Unrated

Unable to see due to gravel deck

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)

Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Deck





Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

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