

SQ-3108

BLACKWATER MAINLINE 12km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
50°34'8.78"	-122°39'3.32"
Crossing Name	Phelix Creek
FSR #	8354
Branch #	1
Road Name	BLACKWATER MAINLINE
User km	12
Previous Load Rating (tonnes)	62
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)	18.2
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5629327.1
Accuracy (m)	

Inspection

Date of Inspection 2019-09-17 10:12:42 AM

Inspector Name Richard Mills

Recommended Next Inspection Year

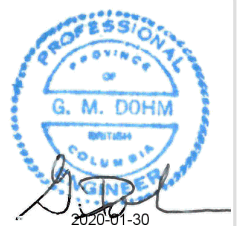
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Guardrail block requires repair. All rail components will require replacement within estimated 3 years.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 29, 2020
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2022
Comments: replace broken curb blocks prior to industrial use and curb rails within 3 years



P.Eng Seal

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Approach

Alignment Good

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

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor Loose, damaged upstream side

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Good

Diaphragms Good

Bracing Good

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)	0.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Repair guardrails
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2		
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3		
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Item	Monitor Description	Frequency
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1		
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2		
---	--	--

3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Load Rating Sign



Guard Rail



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream