

SQ-3106

BLACKWATER MAINLINE 0.1km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
50°31'56.2"	-122°30'32.9"		
Crossing Name	Blackwater Creek		
FSR #	8354	Branch #	1
Road Name	BLACKWATER MAINLINE		
User km	0.1		
Previous Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	13.1		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5625227.5	Accuracy (m)

Inspection

Date of Inspection 2019-09-17 10:50:49 AM

Recommended Next Inspection Year

Inspector Name Richard Mills

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Concrete damaged on deck requires repair 2 sections approx 1m x 1m, and 0.2m x 0.2m, by 50mm deep both sections. Appears do have been previously repaired. Rebar showing on both sections.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 29, 2020

Load Rating: L75 or 68 tonnes

Next Inspection: 2022

Comments: replace curb rails for continued industrial use. Repair concrete deck damage. Contact Ministry Engineering for repair procedure.



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 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 68

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 N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap Fair Large round boulders.

Bearings Good

Corrosion Protection N/A

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**Deck**

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Fair Concrete damaged in two locations. Repair.

Grout Pockets N/A

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor Rotten

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair Damaged (see note)

Diaphragms

Bracing

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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Repair concrete deck
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2	High	Replace guardrails
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3		
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Item	Monitor Description	Frequency
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1		
---	--	--

2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Guard Rail



Deck



Approach from Left Bank when facing downstream



Deck



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream