

SC-8500
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DUCK LAKE 1.9km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°47'47.9"	-124°21'52"
Crossing Name	Whittall Creek
FSR #	3477
Branch #	03
Road Name	DUCK LAKE
User km	1.9
Previous Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	21.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°47'47.8"	-124°21'51.2"
HD Diff. (m)	16.2
Accuracy (m)	5

Inspection

Date of Inspection 2021-10-05 8:29:50 AM

Inspector Name Forrest Simpson

Inspector Comments Serial/ID Plate

Recommended Next Inspection Year 2024

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 5, 2022

Load Rating: L150 or 136 tonnes

Next Inspection: 2024



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y Minor

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating None

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing

Hardware Good

Fill Good

Riprap Fair Minimal, but large

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Excellent** Where visible

Deck Joints **Good**

Steel Deck Plate

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

Diaphragms Good

Bracing Good

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)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3

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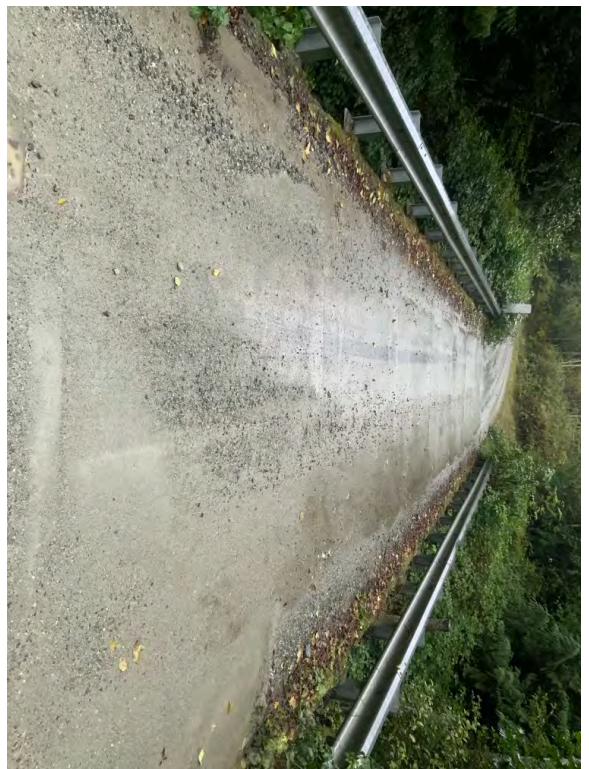
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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Downstream Profile

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Superstructure



Right Bank Abutment when facing downstream



Downstream from Crossing



Left Bank Abutment when facing downstream

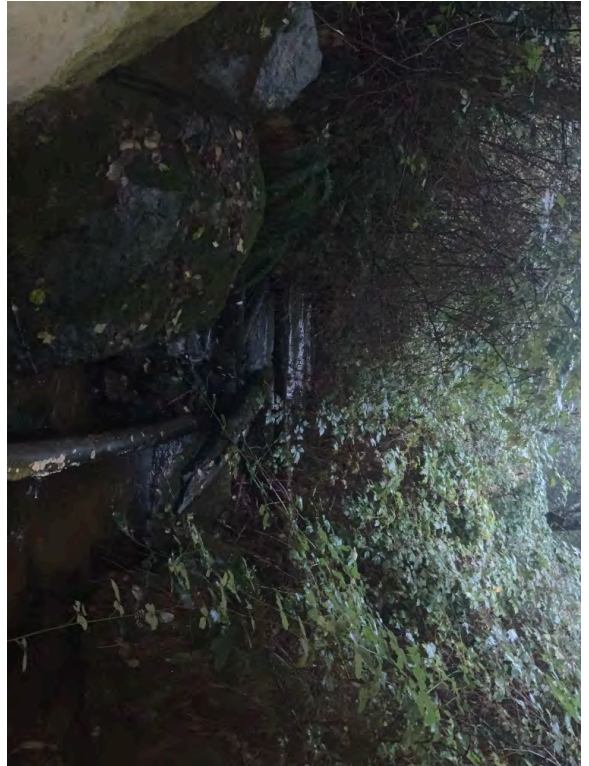


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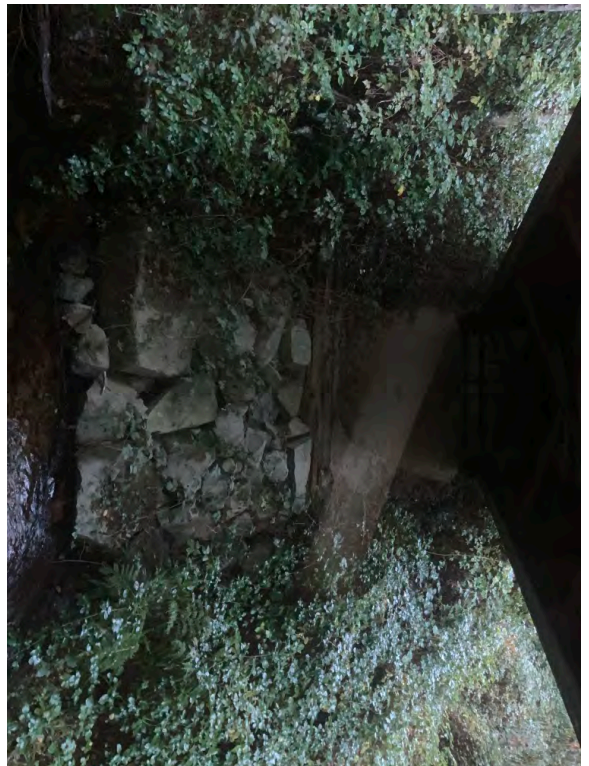
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Upstream from Crossing



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

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