

SC-8610

DUCK LAKE 0.15km

2020 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°47'17.59"	-124°27'21.7"		
Crossing Name	Unknown		
FSR #	3477	Branch #	1
Road Name	DUCK LAKE		
User km	0.15		
Previous Load Rating (tonnes)	150		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	12		
Deck Width (m)	6.5		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5542399.5	Accuracy (m)

Inspection

Date of Inspection 2020-12-09 1:30:30 PM

Inspector Name Richard Mills

Recommended Next Inspection Year

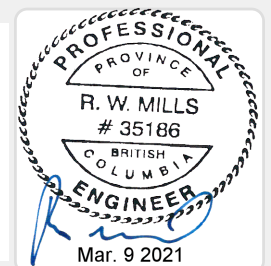
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Potholes will likely continue occurring, unless road section paved (estimated 50m either side), or approach elevations lowered below bridge deck elevation to stop gravel ingress. Paving would likely still result in potholes at the gravel-pavement interface.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Mar 8, 2021
 Load Rating: L165 or 150 tonnes
 Next Inspection: 2023
 Comments: Remove potholes from approaches.



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 Fair

Potholes at approaches

Abutment

Log/Timber Cribs

Tie Backs Good

Bin Wall

Pier

Concrete Good

Caps or Sills Good

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Good

Fill Good

Riprap N/A

Bearings Good

Corrosion Protection

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**Deck**

Running Surface	Fair	Potholes at approaches
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck	Good	
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Grout Pockets		
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Deck Joints	Good	
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Steel Deck Plate		
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Gravel Surface	Fair	Potholes
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Curb Rail/Blocks/Posts	Good	
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Hand Rails/Walkouts		
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Hardware	Good	
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Overall Deck Condition	Fair	
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Gravel Depth (mm)		
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Pier Deck		
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Steel/Concrete

Girders Good

Diaphragms N/A

Bracing N/A

Under Trussing

Hardware N/A

Welded/grouted
shear connectors Good**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)	2.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Moderate	Remove potholes from approaches

2

3

Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)

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Deck



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Downstream Profile



Left Bank Abutment when facing downstream



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