

CK-2054

LIUMCHEN 0.9km

2019 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°4'23.59"	-121°50'52.1"
Crossing Name	Little Tamihi Creek
FSR #	5127
Branch #	2
Road Name	LIUMCHEN
User km	0.9
Current Load Rating (tonnes)	63
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)	11.9
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°4'23.78"	-121°50'52.29"
HD Diff. (m)	6.8
Accuracy (m)	10

BCL-625 or 63 tonnes

Inspection

Date of Inspection 2019-03-20 1:40:46 PM

Inspector Name Tyson Miller

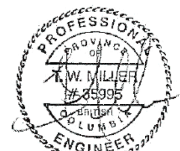
Recommended Next Inspection Year 2022

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Grade approaches. The current load rating of BCL-625 or 63 tonnes to continue.



27/03/2019

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 Not posted

Road Surface Fair Potholes

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good

Piles or Posts Unrated Buried

Ballast Wall Good

Wing Wall

Bracing Unrated Buried

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Unrated Buried

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Deck

Running Surface Good Potholes

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware

Overall Deck Condition Good

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good 4 slab girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors Good Welded and grouted

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Grade approaches
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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		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Approach from Left Bank when facing downstream



Damage to underside of slabs



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream