

CK-2053

LIUMCHEN CREEK 0.2km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude
49°4'15.3"	-121°50'24.6"
Crossing Name	Tamihi Creek
FSR #	5127
Branch #	2
Road Name	LIUMCHEN CREEK
User km	0.2
Current Load Rating (tonnes)	64
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	24.5
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°4'13.91"	-121°50'27.73"
HD Diff. (m)	76.6
Accuracy (m)	5
Concrete	

Inspection

Date of Inspection 2016-05-11 12:54:47 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Monitor delaminating steel. Present load rating of CL-625 or 63 tonnes to continue.



16/02/2017

P.Eng Seal

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Approach

Alignment Fair

 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 not posted

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Fair CIP both ends

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Fair timbers

Wing Wall Fair concrete on right approach

Bracing N/A

Hardware Good

Fill Fair

Riprap Good

Bearings Fair

Corrosion Protection N/A

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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 Good

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Fair steel girders delaminating

Diaphragms Fair 4x, galvanized and bolted

Bracing Fair bolted

Under Trussing N/A

Hardware Fair

Welded/grouted
shear connectors N/A**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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	18.0	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

2

3

Item	Monitor Description	Frequency
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1 monitor delaminating steel

Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



delaminating steel



Right Bank Abutment when facing downstream



delaminating steel



galvanized bracing and diaphragms



locations of previous web measurements - no further delaminating in these locations

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Left Bank Abutment when facing downstream