

CK-2055

LIUMCHEN CREEK 2.5km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude		
49°4'32.3"	-121°52'8.2"		
Crossing Name	Deer Creek		
FSR #	5127	Branch #	2
Road Name	LIUMCHEN CREEK		
User km	2.5		
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)	12.2		
Deck Width (m)	6.48		

Updated Data

Latitude	Longitude		
49°4'31.93"	-121°52'8.03"		
HD Diff. (m)	11.8	Accuracy (m)	5

Inspection

Date of Inspection 2016-05-11 1:25:40 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Minor brushing required. Present load rating of BCL-625 or 63 tonnes to continue.



16/02/2017

P.Eng Seal

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Approach

Alignment Good

 Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

 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 N/A

Caps or Sills Good integrated cap/wall combo

Piles or Posts Unrated buried

Ballast Wall Good

Wing Wall N/A

Bracing Unrated buried

Hardware Good

Fill Good

Riprap Good

Bearings Good

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 N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Unrated buried

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good 8 concrete slabs

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A na

Welded/grouted shear connectors Good welded

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush approaches

2

3

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



superstructure