

CK-2055

LIUMCHEN 2.5km

2019 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°4'32.3"	-121°52'8.2"		
Crossing Name	Deer Creek		
FSR #	5127	Branch #	2
Road Name	LIUMCHEN		
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°4'31.18"	-121°52'8.46"		
HD Diff. (m)	34.9	Accuracy (m)	10

BCL-625 or 63 tonnes

Inspection

Date of Inspection 2019-03-20 1:57:37 PM

Inspector Name Tyson Miller

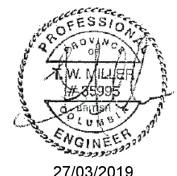
Recommended Next Inspection Year 2022

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Grade approaches and monitor the scour of the downstream riprap banks. 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 at approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Fair Scour noted downstream

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

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

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Steel/Concrete

Girders Good 8 concrete slabs

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)	7.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments Downstream right bank riprap is scouring and requires monitoring

Repairs and Monitoring

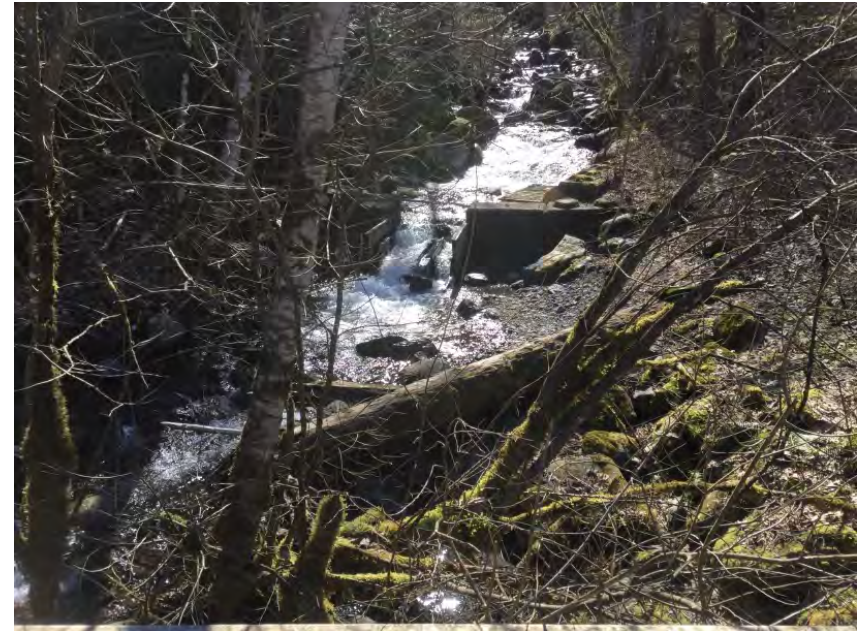
Repair Item	Priority	Repair Description
1	Low	Grade approaches
2		
3		

Item	Monitor Description	Frequency
1	Riprap scour downstream	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Right Bank when facing downstream



Log across stream is eroding and causing scour to riprap



Downstream Profile



Log across stream is causing scour to riprap



Right Bank Abutment when facing downstream



Superstructure



Left Bank Abutment when facing downstream