

CK-2547

EIGHT MILE 6.0 km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°20'35.7"	-121°15'42.1"
Crossing Name	unknown
FSR #	8144
Branch #	1
Road Name	EIGHT MILE
User km	
Current Load Rating (tonnes)	63
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated - Panels
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	21.4
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°20'36.39"	-121°15'43.47"
HD Diff. (m)	34.9
Accuracy (m)	5
6.0km	
BCL-625 or 63 tonnes	

Inspection

Date of Inspection 2018-05-31 8:09:59 AM

Inspector Name Tyson Miller

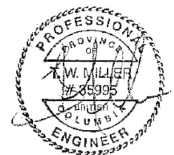
Inspector Comments

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

P.Eng Comments

Replace the missing fender log. The crossing location results in a steep (approx 16% adverse) pull out. Monitor the road surface condition, and the fill and riprap conditions at both abutments. Present load rating of BCL-625 or 63 tonnes to continue.



09/01/2019

P.Eng Seal

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Approach

Alignment Poor

HC and VC both approaches, with 16% adverse

Bridge Ahead Signs
Missing
☒ 0
 ☐ 1
 ☐ 2

Brushing Required N

Delineator Missing
Left
☒ 0
 ☐ 1
 ☐ 2
Delineator Missing
Right
☒ 0
 ☐ 1
 ☐ 2

Fender Condition Fair

Missing upstream right fender

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Good

3x, Fd face logs with Cw top log on the right bank

Tie Backs

Good

Fd

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Good

Treated timbers

Wing Wall

Bracing

Hardware

Fill

Fair

Over steepened in locations

Riprap

Fair

Does not result in a well keyed in rock mass. Round rocks with voids between individual pieces have been used and therefore monitoring is recommended

Bearings

Good

Corrosion Protection

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Deck

Running Surface

Running Planks **Good**

Sub Deck **Good**

Ties **Good**

Nails **Good**

Deck to Girder Bolts **Good**

Concrete Deck

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

Diaphragms Good 4 welded bays

Bracing Good

Under Trussing

Hardware

Welded/grouted
shear connectors**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)	6.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	8.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace missing fender log
2		
3		

Item	Monitor Description	Frequency
1	Road condition at both approaches while active	Routine Inspection
2	Fill and riprap condition	Routine inspection
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Approach from Left Bank when facing downstream



Upstream from Crossing

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Downstream Profile



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Structure ID



Deck panels bolted to ties



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Superstructure