

CK-2390

CEDARFLAT 4.6km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°28'26.5"	-121°9'40.2"
Crossing Name	Cedar Flat Creek
FSR #	7995
Branch #	2
Road Name	CEDARFLAT
User km	4.6
Current Load Rating (tonnes)	1
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel Truss/Bailey/Acrow
Deck Type	Timber - Untreated
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	20
Deck Width (m)	5

Updated Data

Latitude	Longitude
49°28'26.35"	-121°9'40.14"
HD Diff. (m)	4.9
Accuracy (m)	10
1 tonne	

Inspection

Date of Inspection 2018-10-04 8:51:05 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Steel components are aged with damage to some of the bracing frames and end posts.

P.Eng Comments

The entire structure is in poor condition. The timber deck is rotten; all the steel is rusting and has failed on some of the bracing frames; there's damage noted to the end posts and the right abutment lockblocks are deteriorating and rotating. A complete replacement is required prior to industrial activity. Present load rating of 1 tonnes can continue, please UPDATE load rating sign.



18/12/2018

P.Eng Seal

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Approach

Alignment Fair

VC both approaches

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

 Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

 Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Fair

Gabion baskets

Posted Load Rating 5

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Poor

2 rows high lock blocks, spalling and rotating on right bank

Caps or Sills Poor

Bearing plates rotating

Piles or Posts

Ballast Wall Poor

Rotten

Wing Wall

Bracing

Hardware

Fill Poor

Missing a lock block at the right abutment and fill failing into stream

Riprap Fair

BR right bank, over steepened left bank

Bearings Poor

Upstream right bearing location appears to be settling

Corrosion Protection

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Deck

Running Surface

Running Planks	Poor	Rotten and holes
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Sub Deck

Ties	Poor	Rotten
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Nails	Poor	Protruding
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Deck to Girder Bolts	Poor	None visible
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Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Poor	Rotten
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Hand Rails/Walkouts

Hardware

Overall Deck Condition	Poor	Rotten timbers
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Gravel Depth (mm)

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Steel/Concrete

Girders Poor 6 panel - Double single reinforced bailey

Diaphragms Poor Rusting

Bracing Poor Rusting

Under Trussing

Hardware Fair

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)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Replace prior to activity
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2	High	Update load rating sign
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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



Fenders



Load Rating Sign



Deck



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Ballast wall rotten



Right Bank Abutment when facing downstream



Lock block condition at right bank



Left Bank Abutment when facing downstream



Upstream right bank lock block condition



Superstructure



Superstructure condition

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