

CK-2390
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CEDARFLAT 4.6km

2020 Inspection

CBR iPad Offline Ver 0.33



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
Previous 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°28'26.91"	-121°9'41.58"
HD Diff. (m)	30.5
Accuracy (m)	10
1 tonnes	

Inspection

Date of Inspection 2020-08-26 9:00:15 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

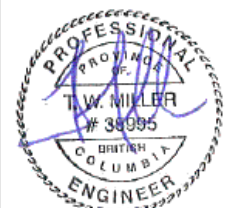
Inspection Company

Inspector Comments

The upstream right bank bearing is in poor condition. The superstructure appears to be bearing right at the end of this block and causing the block to settle and the lock block rotate

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. The current load rating of 1 tonnes can continue, UPDATE LOAD RATING SIGN.



2020-11-19

P.Eng Seal

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Approach

Alignment Fair

VC right approach

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

Pier

Concrete Poor 2 rows of lock blocks which are pitting, spalling and settling/rotating

Caps or Sills Poor Bearing plate rotating at right upstream bank

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 bank lock block is shifting under dead load of superstructure

Corrosion Protection

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Deck

Running Surface

Running Planks

Poor

Rotten

Sub Deck

Ties

Poor

Rotten

Nails

Poor

Protruding

Deck to Girder Bolts

Poor

None visible

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Poor

Rotten

Hand Rails/Walkouts

Hardware

Overall Deck Condition

Poor

Rotten

Gravel Depth (mm)

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Steel/Concrete

Girders Poor

6 panel - Double single reinforced bailey

Diaphragms Poor

corrosion throughout entire structure

Bracing Poor

corrosion throughout entire structure

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)	0.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	Replace prior to activity

2	Update load rating sign
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3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Right Bank Abutment when facing downstream



Deck



Guard Rail



Upstream from Crossing



Downstream from Crossing



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Upstream right bank bearing block condition



Upstream right bank bearing block condition



Left Bank Abutment when facing downstream



Lock block condition at downstream right bank