

CK-2207

MOWHOKAM 15.7km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
50°3'2.48"	-121°26'39.6"
Crossing Name	Mowhokam Creek
FSR #	8019 Branch # 2
Road Name	MOWHOKAM
User km	15.7
Current Load Rating (tonnes)	0
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	12.1
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
50°3'2.11"	-121°26'39.61"
HD Diff. (m)	11.5 Accuracy (m) 5

Inspection

Date of Inspection 2017-08-23 8:25:23 AM

Recommended Next Inspection Year 2018

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

The log stringers and old crib continue to deteriorate; if/when a stringer(s) fail it will put the entire structure at risk. Recommend full removal.

P.Eng Comments

Bridge condemned, 0 tonnes load rating. Block access until the entire structure can be removed. Replace with a permanent structure if access is required.



22/01/2018

P.Eng Seal

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Approach

Alignment Fair

VC left approach, HC 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 Poor

None in place at the left approach, undersized logs at the right approach

Posted Load Rating 0

Road Surface Fair

Abutment

Log/Timber Cribs Poor

Log crib supports log stringer structure plus log sills that supports the steel girder structure, 200mm sap rot in bottom crib log, 50mm sap rot in top crib log

Tie Backs Poor

Rotten

Bin Wall

Concrete

Caps or Sills Fair

Log sills on both abutments

Piles or Posts

Ballast Wall Fair

Fair to poor, signs of rot and bug infestation

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Poor

All riprap appears undersized for the stream

Bearings

Corrosion Protection

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Deck

Running Surface

Running Planks Fair

Sub Deck

Ties Fair

Nails Fair

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

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Fair only a portion of a longer complete girder set

Diaphragms Fair 3 bolted bays

Bracing Fair

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)	0.5	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments

Log stringer bridge may be affected by high flows and affect the stability of the steel girder structure

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Remove structures and replace or block access
2		
3		

Item

1

Monitor Description

Frequency

2

3

Sketch
(Select Signature)

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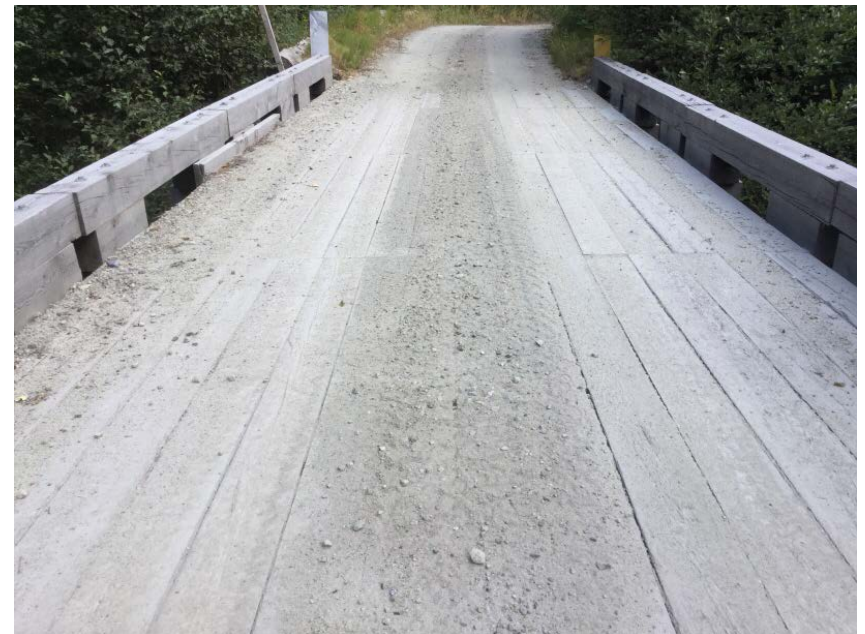
2017 Inspection



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Looking upstream from deck



Approach from Right Bank when facing downstream



Looking downstream from deck



Approach from Right Bank when facing downstream



Downstream Profile



Log stringers under steel girder in poor condition



Left Bank Abutment when facing downstream



Log crib supporting stringers in poor condition



Stringer condition at left bank



Updated load rating sign and notification at right approach



The needle beam is holding the stringer up



Updated load rating sign and notification at left approach