

CK-2210
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MOWHOKAM EAST 6.3km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 50°5'50.7" Longitude -121°21'13.4"

Crossing Name Mowhokam Creek

FSR # 8019 Branch # 3

Road Name MOWHOKAM EAST

User km 6.3

Previous Load Rating (tonnes) 54

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated - Panels

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m) 12.3

Deck Width (m) 4.8

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5576819.0 Accuracy (m)

L75 or 68 tonnes

Inspection

Date of Inspection 2020-10-29 9:52:03 AM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

P.Eng Comments

Add log fenders at all 4 corners of the bridge, minimum 6m length x 600mm diameter. Replace all 4 delineators. L75 or 68 tonnes rating.



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Approach

Alignment Fair HC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2 poor condition

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2 poor condition

Fender Condition Poor None

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Fair Single log sills

Piles or Posts

Ballast Wall Fair Logs

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Fair round rock not well graded or keyed into streambed

Bearings Good

Corrosion Protection

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Deck

Running Surface

Running Planks Fair

Sub Deck Fair

Ties Fair

Nails Fair

Deck to Girder Bolts Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Painted. Web distortion noted upstream right bank

Diaphragms Fair

Distortion noted on bottom chord

Bracing

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). # of units. Priority:Medium	Install log fenders
2 Structure. Delineator maintenance. . Priority:Medium	Replace all 4 delineators

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Minor web distortion



Deck fasteners



Right Bank Abutment when facing downstream



Bottom chord damage