

CK-2002

AMERICAN CREEK 4.6km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°25'37.8"	-121°28'50.7"
Road Name	AMERICAN CREEK
User km	4.6
Current Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Compo Girders
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	27.7
Deck Width (m)	4.9

Updated Data

Latitude	Longitude		
49°25'37.43"	-121°28'50.79"		
HD Diff. (m)	11.5	Accuracy (m)	5
American Creek			
4.6			
Permanent Bridge			
N			
Compo Girders			
Concrete Composite			
Steel Pipe and Precast Pad			
Steel Pipe and Precast Pad			
1			
27.4			
4.9			

Inspection

Date of Inspection 2014-09-18 10:49:26 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Post bridge ahead signs. Repair ravelling slope on downstream right approach. Monitor bearing pads. Present load rating of L60 or 54 tonnes to continue.



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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Fair

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall Fair CIP concrete on right abutment retaining fill

Concrete N/A

Caps or Sills Fair steel plates and rubber pads

Piles or Posts Fair

Ballast Wall Fair

Wing Wall N/A

Bracing Fair

Hardware N/A

Fill Fair

Riprap Fair BR on left and large boulders right

Bearings Fair slight bulging of pads

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Corrosion Protection Fair

Deck

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Fair small damage under panel 1

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Fair

compo girders

Diaphragms Fair

2 bays

Bracing N/A

Under Trussing N/A

Hardware N/A

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)

Comment

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Hazards

Estimated Present Water Level Depth (m) 0.5

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 3.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 5.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	post bridge ahead signs
2	Medium	replace/repair eroding fill downstream right approach
3		

Monitor Item

Monitor Description

Monitoring Frequency

1 bulging bearing pads

Routine Inspection

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream

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Left Bank Abutment when facing downstream



bulging rubber



right we stream fill eroding