

CK-2003

AMERICAN CREEK 8.5km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°25'6.3"	-121°31'25"		
Crossing Name	American Creek		
FSR #	8123	Branch #	1
Road Name	AMERICAN CREEK		
User km	8.5		
Current Load Rating (tonnes)	91		
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)	9.1		
Deck Width (m)	4.8		

Updated Data

Latitude	Longitude		
49°25'6.43"	-121°31'27.74"		
HD Diff. (m)	55.2	Accuracy (m)	10
7.9			

Inspection

Date of Inspection 2017-06-14 9:13:14 AM

Recommended Next Inspection Year 2018

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Monitor riprap condition as it is steeply sloped at 1:1

P.Eng Comments

At the time of this installation a 3 year lifespan was assumed and oversized riprap was used for armouring - it was placed steeper (1:1) than what is typical for permanent crossings. The record drawings indicate L100 or 91 tonnes load rating, which can continue. Replace the missing delineators and monitor riprap stability. Please submit the structural drawings for the file.



19/06/2017

P.Eng Seal

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Approach

Alignment Fair

HC both approaches

 Bridge Ahead Signs
 Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

 Delineator Missing
 Left ☐ 0 ☒ 1 ☐ 2

 Delineator Missing
 Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Good

Logs

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair

Old log sills, but still in fair condition

Piles or Posts

Ballast Wall Good

3 - 100mm x 250mm stacked timbers, not tied together

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Fair

Large piece size, steeply sloped at 1:1, and not well graded or tied together

Bearings Fair

Corrosion Protection

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Deck

Running Surface Fair

Running Planks Fair 100mm x 300mm planks

Sub Deck

Ties Fair 200mm x 300mm on 320mm centers

Nails Fair

Deck to Girder Bolts Good Each modular panel connected in 2 locations

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Solid riser all the way across

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate L100, serial # 066-08, with welded plate - 1009

Girders Fair Light corrosion

Diaphragms Fair 3 bays, welded - light corrosion

Bracing Fair Light corrosion

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)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Replace missing delineators
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2		
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3		
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Item	Monitor Description	Frequency
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1	Riprap condition	Anually
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2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream Profile



Structure ID



Right Bank Abutment when facing downstream



Deck clips



Downstream Profile



Riprap not well keyed/tied together



Structure ID



Superstructure



Left Bank Abutment when facing downstream