

CK-2002

AMERICAN CREEK 4.6km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°25'37.8"	-121°28'50.7"		
Crossing Name	Three Mile Creek		
FSR #	8123	Branch #	1
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°25'37.71"	-121°28'51.8"		
HD Diff. (m)	22.2	Accuracy (m)	5

Inspection

Date of Inspection 2017-04-26 9:19:54 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Check asbuilt docs and/or old inspections for right bank CIP bin wall - check slope

P.Eng Comments

I reviewed the last inspection (2014) and there does not appear to be any difference in slope of the Bin Wall. Replace the 2 Right Hand delineators with proper ones and consider repairing the failing fill slope on the down stream right bank. The present load rating of L60 or 54 tonnes to continue.



19/06/2017

P.Eng Seal

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Approach

Alignment Fair

 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

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall Fair only on right bank

Concrete Fair

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair Minor damage noted at top of both

Wing Wall

Bracing Fair None noticed on left bank as short column height

Hardware

Fill Fair Failing at downstream right bank

Riprap Good BR left bank

Bearings Fair Slight buldging of pads - no change from previous inspection

Corrosion Protection Fair

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Minor damage on right bank panel

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Fair

Diaphragms Fair 2 bays - welded

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Replace both right hand delineator with proper ones

2	Medium	Repair failing fill at downstream right bank
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3		
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Item	Monitor Description	Frequency
1	Right bank CIP bin wall	Routine Inspection

2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Some deck damage - no rebar noted



Deck



Approach from Right Bank when facing downstream



Fill on right downstream banking eroding



Right bank CIP place sloped to downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

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Superstructure