

CK-2003

AMERICAN CREEK 8.5km

2015 Inspection



GBR iPad Offline Ver 0.20

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)			
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°25'6.21"	-121°31'25"		
HD Diff. (m)	68.2	Accuracy (m)	5
7.8			
Y			
4.3			

Inspection

Date of Inspection 2015-06-22 12:10:29 PM

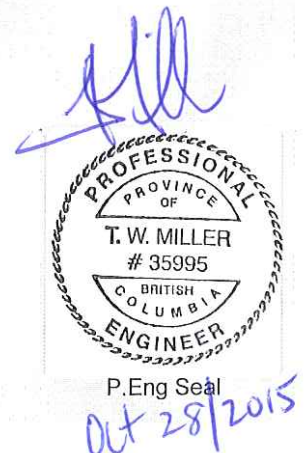
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace missing delineator, post bridge ahead signs and place log fenders at both approaches. The asbuilt/record drawings indicate this install as temporary (less than 3 years - installed 2013). Present load rating of L100 or 91 tonnes to continue.



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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 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor

none

Posted Load Rating

not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good

single log sills

Piles or Posts N/A

Ballast Wall Good

timbers

Wing Wall N/A

Bracing N/A

Hardware Fair

Fill Good

Riprap Good

large riprap, oversteepened at 1:1

Bearings Good

Corrosion Protection N/A

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Deck

Running Surface N/A

Running Planks Fair

Sub Deck N/A

Ties Fair

Nails Fair

Deck to Girder Bolts Good

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 3 bays, welded

Bracing Good

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**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)	0.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	medium	replace missing delineator and post bridge ahead signs

2	medium	place log fenders at both approaches
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
---	--	--

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream Profile

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Structure ID



superstructure



deck clips



Left Bank Abutment when facing downstream

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Right Bank Abutment when facing downstream