

CK-2442

AMERICAN EIGHT 0.15km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°25'41.8"	-121°29'16.9"
Crossing Name	American Creek
FSR #	8123
Branch #	8
Road Name	AMERICAN EIGHT
User km	0.15
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	Y
Superstructure	Steel Box Beam
Deck Type	Steel
Abutment Left	CIP
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	21.3
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
49°25'41.62"	-121°29'15.07"
HD Diff. (m)	37.3
Accuracy (m)	10

Inspection

Date of Inspection 2017-04-26 9:04:43 AM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2019

Inspection Company MFLNRO

P.Eng Comments

Post bridge ahead signs, brush with activity and replace the left downstream approach fender log when active. The present load rating of L75 or 68 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 Y Minor

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

Fender Condition Fair Left downstream undersized and rolling off road

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good BR left bank

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate Fair

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Unrated Inside box beam

Bracing Unrated Inside box beam

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

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Brush with activity
2	Medium	Post bridge ahead signs
3	Medium	Replace fender log at left downstream approach when active

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Looking upstream



Deck



Looking downstream



Approach from Right Bank when facing downstream



Structure ID



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream