CK-2003
CK-2003A

AMERICAN 7.9km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°25'6.3"	-121°31'25"

Crossing Name	American Creek
FSR #	8123
Branch #	1
Road Name	AMERICAN
User km	7.9
Previous Load Rating (tonnes)	91
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	12.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m) 5501233.0 Accuracy (m)

L100 or 91 tonnes

Inspection

Date of Inspection 2020-05-28 10:04:29 AM

Inspector Name Tyson Miller

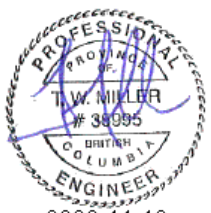
Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Remove material from the cut bank at the town approach. The current load rating of L100 or 91 tonnes to continue.



P.Eng Seal

Approach

Alignment	Fair	Heavy HC right approach
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	90680	
Road Surface	Good	

Abutment

Log/Timber Cribs	
Tie Backs	
Bin Wall	
Pier	
Concrete	
Caps or Sills	
Piles or Posts	Excellent
Ballast Wall	Excellent
Wing Wall	
Bracing	Excellent
Hardware	
Fill	Excellent
Riprap	Excellent
Bearings	Excellent
Corrosion Protection	Excellent

Deck

Running Surface	Good
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	
Concrete Deck	Good
Grout Pockets	Good
Deck Joints	Good
Steel Deck Plate	
Gravel Surface	
Curb Rail/Blocks/Posts	Good
Hand Rails/Walkouts	
Hardware	Good
Overall Deck Condition	Good
Gravel Depth (mm)	

Steel/Concrete

Girders	Excellent
Diaphragms	Excellent
Bracing	Excellent
Under Trussing	
Hardware	Excellent
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

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)	2.0	Ice ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Surface drainage maintenance (drains, catch basins, flumes, ditches). # of	Remove sloughing material from right approach
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Upstream from Crossing

Approach from Left Bank when facing downstream

Downstream from Crossing

Deck

Approach from Right Bank when facing downstream

Upstream Profile

Cut slope at right approach

Left Bank Abutment when facing downstream

BRITISH COLUMBIA

2020 Inspection

CBR iPad Offline Ver 0.33

AMERICAN 7.9km

CK-2003
CK-2003A

Superstructure

Structure ID

Right Bank Abutment when facing downstream

Load Rating Sign