CK-2519	AMERICAN CREEK 16km	2015 Inspection

CBR iPad Offline Ver 0.20

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°25'57.9"	-121°33'26.3"

Crossing Name	East Fork Garnet Creek
FSR #	8123 Branch # 1
Road Name	AMERICAN CREEK
User km	16
Current Load Rating (tonnes)	
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated - Panels
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°25'57.81"	-121°33'26.3"

HD Diff. (m)	2.9	Accuracy (m)	5

	12.5
	Y
	Timber – Treated

Inspection

Date of Inspection 2015-06-22 12:51:36 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Post bridge ahead signs. The asbuilt/record drawings indicate this install as temporary (3 years or less - installed in 2013). Present load rating of L100 or 91 tonnes to continue.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995

P.Eng Seal

Nov 18/2015

Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	N	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Fair	
Posted Load Rating	90680	
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Good	lock blocks
Caps or Sills	Good	timber
Piles or Posts	N/A	
Ballast Wall	Good	timbers
Wing Wall	N/A	
Bracing	N/A	
Hardware	Good	
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	N/A	

Deck

Running Surface	N/A	
Running Planks	Fair	
Sub Deck	Good	
Ties	Good	treated
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	Good	
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate		
Girders	Good	6 bays, welded
Diaphragms	Good	
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

Hazards

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Deck

Right Bank Abutment when facing downstream

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timber deck panels with HSS rails

Structure ID

Upstream Profile

Left Bank Abutment when facing downstream

CK-2519 AMERICAN CREEK 16km 2015 Inspection

Structure ID

superstructure

Structure ID