CK-2518
CK-2518A

AMERICAN 9.2km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°26'1.39"	-121°31'15.9"

Crossing Name	Unknown
FSR #	8123
Branch #	1
Road Name	AMERICAN
User km	9.2
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	Concrete Cast in Place
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m) 5502936.8 Accuracy (m)

L100 or 91 tonnes

Inspection

Date of Inspection 2020-05-28 10:18:26 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

The current load rating of L100 or 91 tonnes to continue.

2020-11-23

P.Eng Seal

Approach

Alignment	Fair	HC and VC right approach, HC left 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	Unrated	None, pipe height is short
Hardware		
Fill	Excellent	
Riprap	Excellent	
Bearings	Excellent	
Corrosion Protection	Excellent	

Deck

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

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)	8.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.5	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Upstream from Crossing

Deck

Downstream from Crossing

Approach from Right Bank when facing downstream

Structure ID

Left Bank Abutment when facing downstream

Superstructure

Upstream Profile

Right Bank Abutment when facing downstream