CK-2019	CAYOOSE CREEK 0.1km	2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data

Latitude	Longitude
49°12'16.99"	-120°59'59.1"

Road Name	CAYOOSE CREEK
User km	0.1
Current Load Rating (tonnes)	63
Structure Class	Permanent Bridge
Portable	Y
Superstructure	Steel Truss/Bailey/Acrow
Deck Type	Timber - Untreated
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	27.4
Deck Width (m)	3.85

Updated Data

Latitude	Longitude
49°12'16.62"	-120°59'59.09"

HD Diff. (m)	11.6	Accuracy (m)	5

	cayuse creek
	0.1
	Permanent Bridge
	Y
	Steel Truss/Bailey/Acrow
	Timber – Untreated
	Concrete Lock Blocks
	Concrete Lock Blocks
	1
	27.4
	3.85

Inspection

Date of Inspection 2014-07-07 9:26:36 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Replace missing delineators, brush with activity, and replace missing cotter pins prior to industrial activity. Monitor deck when in use (industrial) as there are 2 missing steel stringers. There does not appear to be any movement in the connecting pins however monitor them until cotter pins replaced. Present load rating of CL-625 or 64 tonnes to continue.

P.Eng Comments

See inspection comments above. Present load rating of CL-625 or 64 tonnes to continue.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
P.Eng
#35995

July 18/2014

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	○ 0 ○ 1 ● 2	
Delineator Missing Right	○ 0 ○ 1 ● 2	
Fender Condition	Good	
Posted Load Rating		not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Good	lock block columns 2x2
Caps or Sills	N/A	
Piles or Posts	N/A	
Ballast Wall	Good	lock blocks
Wing WallBracing	N/A	
Hardware	Good	
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	Fair	

Deck

Running Surface	N/A	
Running Planks	Fair	100x250
Sub Deck	N/A	
Ties	Fair	100x250 on 450-500mm centers
Nails	Fair	
Deck to Girder Bolts	N/A	ties notched to fit
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	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Girders	Fair	8 panel double single reinforced bailey - paint peeling and rusting
Diaphragms	N/A	
Bracing	Fair	
Under Trussing	Fair	
Hardware	Fair	approx 50 missing cotter pins - no movement noticed on pins
Welded/grouted shear connectors	N/A	

Log

Log Curbs	N/A
Needle Beam	N/A
Needle Lashing/ Shimming	N/A

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Comment

Hazards

Estimated Present Water Level Depth (m)	1.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	13.	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.5	Ice ☐	

Comment

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	brush with activity
2	Medium	replace missing delineators
3	Medium	replace missing cotter pins prior to activity - approx 50 missing pins

Monitor Item	Monitor Description	Monitoring Frequency
1	pins for movement	Routine Inspection
2	deck - primarily when hauling as there are 2 missing steel stringers	Other
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.15

CK-2019 CAYOOSE CREEK 0.1km 2014 Inspection

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Deck

Right Bank Abutment when facing downstream

CK-2019 CAYOOSE CREEK 0.1km 2014 Inspection

missing steel stingers

underneath deck

left bank bearing

right bank bearing

CK-2019 CAYOOSE CREEK 0.1km 2014 Inspection

Left Bank Abutment when facing downstream