CK-2117	COGBURN CREEK 3.4km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°33'27.6"	-121°44'24.6"

Road Name	COGBURN CREEK
User km	3.4
Current Load Rating (tonnes)	0
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	11.9
Deck Width (m)	5.5

Updated Data

Latitude	Longitude
49°33'27.7"	-121°44'28.23"

HD Diff. (m)	72.9	Accuracy (m)	5

	Cogburn Creek
	0 tonnes
	Permanent Bridge
	N
	Steel I-beam
	Concrete Composite
	Concrete Cast in Place
	Concrete Cast in Place
	1
	11.9
	5.5

Inspection

Date of Inspection 2014-08-28 11:28:55 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

0 tonnes load rating. Replace with activity.

Dec 17/2014

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

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Approach

Alignment	Fair	tight HC both approaches
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	○ 0 ○ 1 ● 2	
Delineator Missing Right	○ 0 ● 1 ○ 2	
Fender Condition	Poor	missing
Posted Load Rating		posted at 0km of Cogburn Creek FSR
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Poor	leaning, fractured
Caps or Sills	Poor	right bearing column is sloped into stream and steel does not bearing completely on concrete columns
Piles or Posts	N/A	
Ballast Wall	Poor	rotten logs
Wing Wall	Poor	rotten
Bracing	N/A	
Hardware	N/A	
Fill	Poor	failing
Riprap	Poor	scoured
Bearings	Poor	not bearing completely

Corrosion Protection	N/A	

Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	
Grout Pockets	Fair	
Deck Joints	Fair	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	rotten
Hand Rails/Walkouts	N/A	
Hardware	Poor	loose rail bolts
Overall Deck Condition	Poor	due to rail
Gravel Depth (mm)		

Steel/Concrete

Girders	Poor	old riveted steel girders with different dimensions
Diaphragms	Fair	
Bracing	Fair	
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)	Comment

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	5.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace entire structure with activity
2		
3		

Monitor Item	Monitor Description	Monitoring Frequency
1	for failure	Anually
2		
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.17

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Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Deck

Upstream Profile

upstream right wing wall

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Downstream Profile