SQ-3174
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CHEAKAMUS/BLACKTUSK

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
50°3'9.69"	-123°2'2.8"

Crossing Name	Tributary to Cheakamus
FSR #	3077
Branch #	3
Road Name	CHEAKAMUS/BLACKTUSK
User km	3.45
Previous Load Rating (tonnes)	62
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	8
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
50°3'8.41"	-123°2'2.68"

HD Diff. (m)	39.8	Accuracy (m)	5

Inspection

Date of Inspection	2020-09-11 8:56:52 AM	Recommended Next Inspection Year	
Inspector Name	Greg Dohm	Inspection Company	FLNRORD

Inspector Comments

Serial/ID Plate

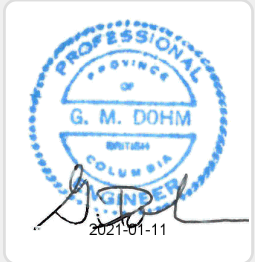
3.5km bridge closed sign at 0 km ok cheakamus fsr should be removed.

Appears upstream channel shifted and created two branches into the stream just upstream of the bridge. However, just new branch is flowing. Check with historical photos. Check change at next inspection.

Same stringers as before. See cbr database. No rot

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 7, 2021
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2022
Comments:



P.Eng Seal

Approach

Alignment	Fair
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	27
Road Surface	Fair

Abutment

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

Deck

Running Surface	Fair
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	
Concrete Deck	
Grout Pockets	
Deck Joints	
Steel Deck Plate	
Gravel Surface	Fair
Curb Rail/Blocks/Posts	Fair
Hand Rails/Walkouts	
Hardware	Fair
Overall Deck Condition	Fair
Gravel Depth (mm)	300
Pier Deck	

Steel/Concrete

Girders	
Diaphragms	
Bracing	
Under Trussing	
Hardware	
Welded/grouted shear connectors	

Log

Log Curbs	Fair
Needle Beam	
Needle Lashing/ Shimming	

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1						Same stringers as before. See cbr database.

Hazards

Estimated Present Water Level Depth (m)	.1	High Water	X	Debris	X
Estimated Present Water Level Width (m)	1.5	Aggradation	X	Scour	X
Estimated High Water Level Clearance (m)	0.1	Ice			

Comments Shifting upstream stream channel.

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	Appears upstream channel shifted and created two branches into the stream just upstream of the bridge. However, just new branch is flowing. Check with historical photos. Check change at next inspection.	Routine Inspection
2		
3		

Deck

Approach from Right Bank when facing downstream

Approach from Right Bank when facing downstream

Load Rating Sign

Upstream from Crossing

Upstream from Crossing

Upstream from Crossing

Downstream from Crossing

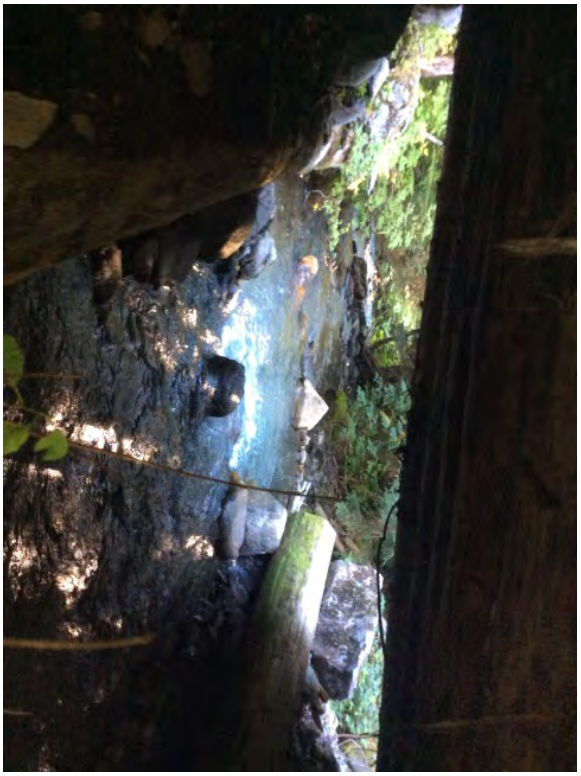
Right Bank Abutment when facing downstream

Upstream from Crossing

Left Bank Abutment when facing downstream

Upstream Profile

Downstream from Crossing



Upstream from Crossing