

SQ-3074

CHANCE CREEK 0.05km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°57'41.79"	-123°9'25.4"		
Crossing Name	Cheakamus River		
FSR #	7704	Branch #	1
Road Name	CHANCE CREEK		
User km	0.05		
Previous Load Rating (tonnes)	63		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Untreated		
Abutment Left	Concrete Cast in Place		
Abutment Right	Concrete Cast in Place		
Spans	3		
Total Length (m)	61.3		
Deck Width (m)	4.8		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5561701.1	Accuracy (m)

Inspection

Date of Inspection 2019-09-18 11:40:03 AM

Recommended Next Inspection Year

Inspector Name Richard Mills

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Remove gravel from surface left jump span. Add gravel to potholes at midspan pier (left). Crib left span inaccessible, has some checking, but generally appears ok. May require close proximity inspection in the future due to age, to determine if heart rot present. Left jumpspan girder corrosion at abutment. Remove debris & monitor. Add approach barriers.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 29, 2020
 Load Rating: BCL625 or 63 tonnes
 Next Inspection: 2021
 Comments: replace broken curb blocks



P.Eng Seal

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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 Poor Small / missing. Replace with no post barriers.

Posted Load Rating 62

Road Surface Good

Abutment

Log/Timber Cribs Fair Old creosote ties. Inaccessible. Appear ok. May require close proximity inspection.

Tie Backs Fair

Bin Wall N/A

Pier Fair Footing inaccessible due to high water.

Concrete Good

Caps or Sills Fair Inaccessible, appear ok.

Piles or Posts Good

Ballast Wall Fair Timber

Wing Wall N/A

Bracing N/A

Hardware Good

Fill Good

Riprap Fair Steep on right side

Bearings Fair

Corrosion Protection N/A

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**Deck**

Running Surface Fair

Running Planks Fair Some broken running planks

Sub Deck Fair

Ties Fair

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 Fair Solid, but some leaning out

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck Fair

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**Steel/Concrete**

Girders Fair

Jump span has corrosion and delamination on bottom flange.

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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

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Hazards

Estimated Present Water Level Depth (m)	5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	15	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	20	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Add approach barriers
2	High	Replace broken running planks
3	Medium	Remove gravel from deck

Item	Monitor Description	Frequency
1	Monitor crib left abutment side.	Routine Inspection
2		
3		

Sketch
(Select Signature)



Left Bank Abutment when facing downstream



Left pier, stream side



Pier



Main span superstructure



Town side jump span - dirt on girders



Town jump span - corrosion on girders



Town jump span - corrosion on girders



Upstream Profile



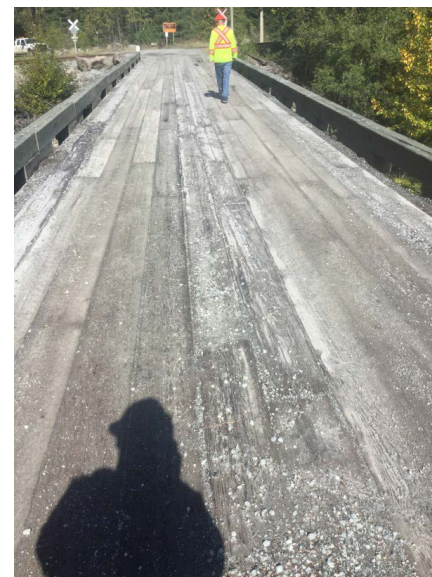
Guard Rail



Main span, left abutment sill



Main span, left abutment sill - downstream side



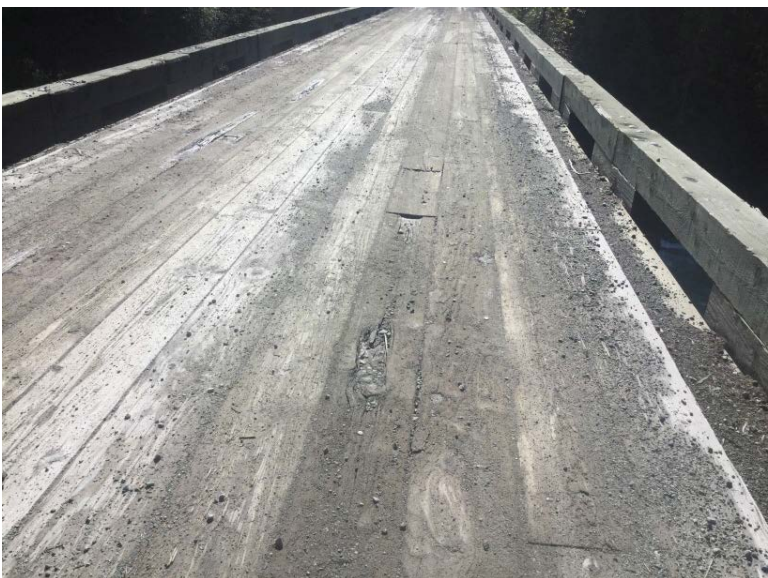
Deck



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Deck



Downstream Profile - right jump span