

QC-7702

HANGOVER 7.5km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude		
53°28'13"	-132°33'25.2"		
Crossing Name	Side Creek		
FSR #	8229	Branch #	06
Road Name	HANGOVER		
User km	7.5		
Previous Load Rating (tonnes)	91		
Structure Class	Temporary Bridge		
Portable	Y		
Superstructure	Steel I-beam		
Deck Type	Concrete Removable		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	15.3		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude		
53°28'12.93"	-132°33'25.24"		
HD Diff. (m)	2.3	Accuracy (m)	5
Y			
Crib, Log or Untreated Timber			
15.28			

Inspection

Date of Inspection 2019-09-09 1:54:39 PM

Inspector Name Lindsey McGill

Inspector Comments Serial/ID Plate No markings

Road ends 10m past end of bridge.

Recommended Next Inspection Year 2022

Inspection Company Chartwell Consultants Ltd.

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 13, 2020

Load Rating: 91 Tonnes GVW

Next Inspection: September 1, 2021

Comments:



P.Eng Seal

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Approach

Alignment Fair

 Bridge Ahead Signs Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y Heavy alder along road, likely ATV access in 2020

 Delineator Missing Left ☐ 0 ☒ 1 ☐ 2

 Delineator Missing Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Fair

Posted Load Rating

Road Surface Fair Small amount of rot on downstream end guardrails section

Abutment

Log/Timber Cribs Fair Single spruce sill on left abutment, three high lock block abutment on right with untreated timber sill (pinned to blocks).

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Good Opted connection, with wing wall integrated.

Wing Wall Good

Bracing N/A

Hardware Good Lag bolts present

Fill Fair Road has not been used for years

Riprap N/A None present, channel is bedrock.

Bearings Good Level bearings with full support below plates.

Corrosion Protection N/A

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**Deck**

Running Surface	N/A	Small amount of rot on downstream end guardrails section
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	Good	Non composite tie clips
Concrete Deck	Fair	Lots of debris on deck and rubber stripping in deck joints is wearing.
Grout Pockets	N/A	
Deck Joints	Fair	See above
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	One section of guardrail needs replacement (10"x10"x16')
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

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Steel/Concrete

Girders Fair Typical pitting and corrosion present

Diaphragms N/A

Bracing Fair Bolted connections

Under Trussing N/A

Hardware Good Tie clips in good condition

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)	Condition	Comment
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Hazards

Estimated Present Water Level Depth (m)	.15	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments Channel is bedrock controlled.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Replace rotten guardrail section. Road to nowhere...do not replace until activity planned beyond bridge.

2	Low	Clean debris off deck and replace missing delineators and signage
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3		
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Item	Monitor Description	Frequency
1	Rubber bearing between deck joints.	Routine Inspection

2		
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3		
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Sketch
(Select Signature)



Bearing



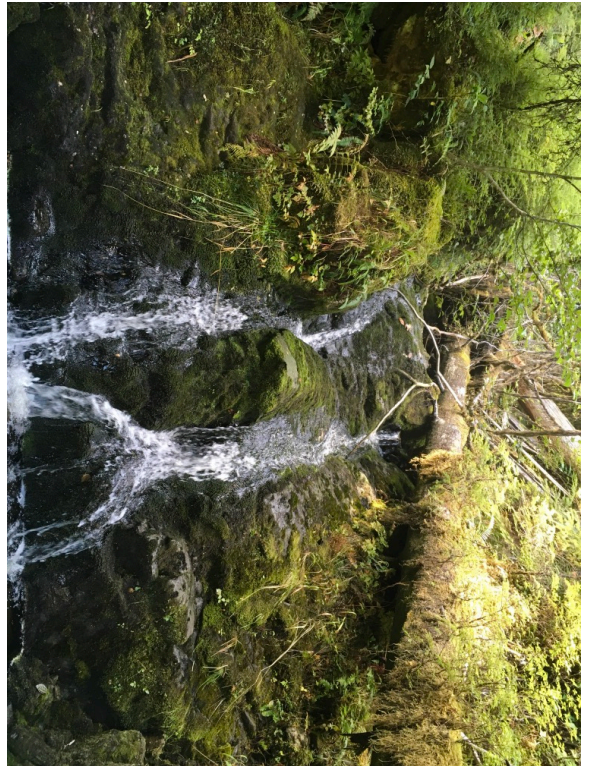
Guard Rail



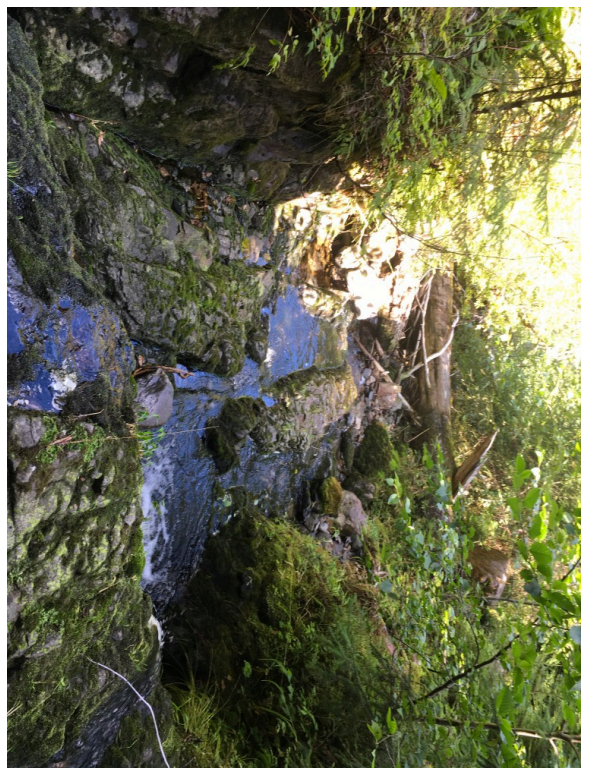
Right Bank Abutment when facing downstream



Superstructure



Upstream from Crossing



Downstream from Crossing



Left Bank Abutment when facing downstream



Bearing

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Upstream Profile



Downstream Profile



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