

QC-7701

HANGOVER 2.4km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 53°25'58.69" Longitude -132°31'37.9"

Crossing Name Side Creek

FSR # 8229 Branch # 06

Road Name HANGOVER

User km 2.4

Previous Load Rating (tonnes) 150

Structure Class Temporary Bridge

Portable Y

Superstructure Steel Box Beam

Deck Type Steel

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 18.3

Deck Width (m) 4.9

Updated Data

Latitude 53°25'57.79" Longitude -132°31'38.62"

HD Diff. (m) 31.1 Accuracy (m) 5

Inspection

Date of Inspection 2019-09-09 2:37:02 PM

Recommended Next Inspection Year 2022

Inspector Name Lindsey McGill

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate '02/00, 60FT, MBS L-165, #592-229-2'

Bridge in fair condition overall

P.Eng Comments

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

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2021

Comments:



P.Eng Seal

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Approach

Alignment Fair

Tight corner on low chain approach

 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

Guidelogs are rotted away and require replacement

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs Fair

Both abutments have two high log cribs setback significant rot present in crib logs but lots of sound wood left in crib.

Tie Backs Fair

50mm rot but lots of wood left in tie backs. Tiebacks not cantered under bridge girders but

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Fair

Single large cedar log on each approach

Wing Wall N/A

Bracing N/A

Hardware Good

Fill Fair

Riprap N/A

None present nor is it necessary

Bearings Fair

Some rot in top sill but everything is still level

Corrosion Protection N/A

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**Deck**

Running Surface	N/A	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	Fair	Lots of debris accumulated, sediment catch boards rotted away.
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	HSS painted yellow
Hand Rails/Walkouts	N/A	
Hardware	Good	Lag bolts present
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

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Steel/Concrete

Girders Good

Diaphragms Good

Bracing N/A

Under Trussing N/A

Hardware Good

Welded/grouted shear connectors N/A

Log

Log Curbs Poor Guidelogs require replacement

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)	.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Clean debris off deck and replace sediment catch guards on edges of bridge.

2	Low	Brush out road and approaches
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3		
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Item	Monitor Description	Frequency
1	Monitor scour below original log crib on left bank to ensure it does not undercut towards overspanning crib. No concerns currently but potential for long term issues to develop.	Routine Inspection

2		
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3		
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Sketch
(Select Signature)

Approach from Left Bank when facing downstream



Downstream from Crossing



Approach from Right Bank when facing downstream



Upstream from Crossing



Right Bank Abutment when facing downstream



Bearing



Upstream Profile



Left Bank Abutment when facing downstream



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Deck



Downstream Profile



Structure ID



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