

QC-7702

HANGOVER 7.5km

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°28'12.29"	-132°33'24.9"
Crossing Name	Side Creek
FSR #	8229
Branch #	6
Road Name	HANGOVER
User km	7.5
Current Load Rating (tonnes)	91
Structure Class	Permanent 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°28'13.02"	-132°33'25.2"
HD Diff. (m)	22.9
Accuracy (m)	10
Temporary Bridge	N

Inspection

Date of Inspection 2017-09-13 12:25 PM

Recommended Next Inspection Year 2019

Inspector Name Mitch Lowe

Inspection Company Onsite Engineering Ltd

Inspector Comments

Bridge extends to a dead road heading. Consider removing and reusing if not required.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017

Load Rating: 91 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



P.Eng Seal

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Approach

Alignment Good

Note that road ends 10m after bridge.

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good

Two High Lock Blocks on river right.

Caps or Sills Good

8x8 timber sill on river right. Sx sill log on bedrock on river left.

Piles or Posts

Ballast Wall Good

Concrete ballast walls.

Wing Wall Good

Concrete block wing wall on downstream river right.

Bracing

Hardware Good

Fill

Riprap Good

Riprap in front of concrete blocks.

Bearings Good

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Unrated Unable to asses due to material on deck.

Deck Joints Good Rubber seal between joints.

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair Lots of gravel on deck surface.

Gravel Depth (mm)

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**Steel/Concrete**

Serial/ID Plate Iota

Girders Fair

Bridge appears to have been reused and is starting to corrode.

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware Fair

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)	0.1	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Clean deck.
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2		
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3		
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Item	Monitor Description	Frequency
1	Monitor girders for further deterioration.	Routine Inspection

2		
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3		
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Sketch
(Select Signature)