

QC-7105

HANGOVER 10.7km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
53°24'47.09"	-132°31'12.7"
Crossing Name	Bonanza Creek
FSR #	8229
Branch #	6
Road Name	HANGOVER
User km	10.7
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	33.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
53°24'47.81"	-132°31'12.43"
HD Diff. (m)	22.5
Accuracy (m)	5

Inspection

Date of Inspection 2015-10-03 9:26:48 AM

Inspector Name Rick MacDonald

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

P.Eng Comments

Load Rated By: MFLNRO, Richard Mills P.Eng., Dec 1, 2015

Load Rating: L75 or 68 tonnes

Next Inspection: Sept 1, 2018

Comments: Repair deck panels. Guardrails nearing end of service life, plan on replacement in next few years.



P.Eng Seal



Approach

Alignment **Good**

Bridge Ahead Signs Missing 0 1 2

Brushing Required **Y** Brush encroaching on bridge

Delineator Missing Left 0 1 2

Delineator Missing Right 0 1 2

Fender Condition **Good** Older log guide logs, still functioning.

Posted Load Rating **68040** not posted

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts **Good**

Ballast Wall **Good**

Wing Wall **Good**

Bracing

Hardware

Fill **Good**

Riprap **Good**

Bearings **Good**

Corrosion Protection

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Good	
Grout Pockets	Good	
Deck Joints	Good	At both ends of bridge deck, end of deck panel damaged, leaving small gap between deck and ballast wall approx 50mm x 500mm long.
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	Timber Guardrails nearing end of service life.
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Good	
Gravel Depth (mm)		

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Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	5	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	6	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1 Guardrails

Routine Inspection

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile



Right Bank Abutment when facing downstream

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Deck



Approach from Left Bank when facing downstream