

QC-7105

HANGOVER 10.7km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude 53°24'47.8" Longitude -132°31'12.4"

Crossing Name Bonanza Creek

FSR # 8229 Branch # 06

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 53°24'47.52" Longitude -132°31'12.51"

HD Diff. (m) 8.8 Accuracy (m) 5

33.4

Inspection

Date of Inspection 2018-09-15 5:09:09 PM

Inspector Name Robert Kemmler

Inspector Comments Serial/ID Plate MOFL, #890 MBS, May/96

Recommended Next Inspection Year 2021

Inspection Company Onsite Engineering

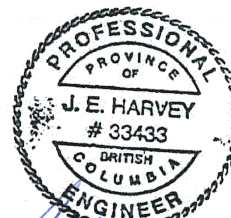
P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., November 5, 2018

Load Rating: 68 Tonnes GVW

Next Inspection: September 1, 2020

Comments: Replace timber guard rails, riser and blocks. Repair damage to ends of deck panels on both approaches.



February 6 2019

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Approach

Alignment **Good**
 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** Rotten, replace when replacing guard rails.Posted Load Rating **0** Not postedRoad Surface **Fair**

Abutment

Log/Timber Cribs **N/A**Tie Backs **N/A**Bin Wall **N/A**Concrete **N/A**Caps or Sills **N/A**Piles or Posts **Good** Some scaling beginningBallast Wall **Good** ConcreteWing Wall **N/A**Bracing **Good** Some scaling beginningHardware **Good**Fill **Good**Riprap **Good**Bearings **Good**Corrosion Protection **Fair** Some scaling beginning

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**Deck**

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	Damage to ends of panels on both approaches.
Grout Pockets	Good	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Rotten and falling apart. Upstream sections knocked over.
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)	0	

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Steel/Concrete

Girders	Good	Some scaling beginning
Diaphragms	Good	Some scaling beginning
Bracing	Good	Some scaling beginning
Under Trussing	N/A	
Hardware	Good	
Welded/grouted shear connectors	Good	

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)	2.0	High Water	Debris
Estimated Present Water Level Width (m)	15	Aggradation	Scour
Estimated High Water Level Clearance (m)	5.0	Ice	

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1 High Replace timber guard rails, riser and blocks prior to industrial activity.

2 Medium Repair damage to ends of deck panels on both approaches.

3

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)