

QC-7856

COL3500 0.14km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°46'57.79"	-132°18'10.8"
Crossing Name	unknown
FSR #	10175
Branch #	08
Road Name	COL3500
User km	0.14
Current Load Rating (tonnes)	64
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	10
Deck Width (m)	4.75

Updated Data

Latitude	Longitude
53°46'57.81"	-132°18'11.3"
HD Diff. (m)	9.1
Accuracy (m)	5
Settlers Main	

Inspection

Date of Inspection 2018-09-20 10:35:45 AM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate

Upstream is on the left facing up Settlers Main.
Newer Log bridge constructed of mixed stringers, Sx and Cw.
Requires fill to be added to meet minimum fill depth for log structures.
Once fill is added, existing guards are large enough to meet curb requirements.

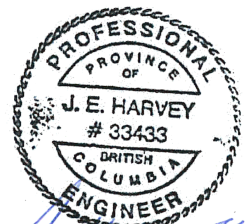
P.Eng Comments

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

Load Rating: 64 Tonnes GVW

Next Inspection: September 1, 2020

Comments: Install bridge ahead signs.



February 6 2019

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Approach

Alignment **Good**
 Bridge Ahead Signs
Missing 0 1 • 2
Brushing Required **N**
 Delineator Missing
Left • 0 1 2

 Delineator Missing
Right • 0 1 2
Fender Condition **Good**Posted Load Rating 0 **Not posted**Road Surface **Good**

Abutment

Log/Timber Cribs **N/A**Tie Backs **N/A**Bin Wall **N/A**Concrete **N/A**Caps or Sills **Good** **Large single Cw sills on rock fill.**Piles or Posts **N/A**Ballast Wall **Good**Wing Wall **N/A**Bracing **N/A**Hardware **N/A**Fill **Good**Riprap **Good**Bearings **Good**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	N/A	
Gravel Surface	Fair	
Curb Rail/Blocks/Posts	Fair	No curbs, guards are acting as curbs.
Hand Rails/Walkouts	N/A	
Hardware	Fair	Structure lashed with banding wire.
Overall Deck Condition	Good	
Gravel Depth (mm)	200	Fill depth ranges between 200-300mm. Minimum of 600mm required.

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**Log Curbs **Fair**

No curb logs, large guards acting as curbs.

Needle Beam **N/A**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)	1.5	High Water	Debris
Estimated Present Water Level Width (m)	3.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.0	Ice	
Comments			

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Add fill to bring minimum fill depth to 600mm.
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2	Medium	Install bridge ahead signs.
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)