

SC-8001

CLOWHOM 7.1km

2020 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°44'54.7"	-123°31'3.4"		
Crossing Name	Bear Creek		
FSR #	7340	Branch #	1
Road Name	CLOWHOM		
User km	7.1		
Previous Load Rating (tonnes)	127		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Composite		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Concrete Precast		
Spans	1		
Total Length (m)	25.4		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5537980.8	Accuracy (m)

Inspection

Date of Inspection 2020-10-21 10:37:40 AM

Recommended Next Inspection Year 2021

Inspector Name Richard Mills

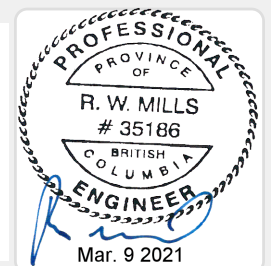
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Both girders bowed towards downstream at middle. Both upper and lower flange, both sides. Likely installation related. Estimated 10cm at midspan. Bolts bent on right abutment, towards right side. No apparent change since last inspection. Rust scale behind right abutment bearing, at end of bridge. Some joints have rust scale on upper flange. Monitor. Inspect in 2021.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. March 3, 2021
 Load Rating: L140 or 127 tonnes
 Next Inspection: 2021



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Fair

Posted Load Rating 140

Road Surface

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Fair

Caps or Sills Good

Piles or Posts Fair

Ballast Wall Fair

Wing Wall N/A

Bracing Fair

Bent slightly on left side. No change since last inspection

Hardware Fair

Fill N/A

Riprap Poor

Missing / oversteepened on left side.

Bearings Fair

Bolts on right bent towards right side. No apparent change since last inspection for both sides.

Corrosion Protection Fair

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Good

Grout Pockets Good

Deck Joints Fair Grout not flush with deck surface. Fair to poor grout.

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Both girders bowed towards downstream side. Rust scale behind right abutment, upstream and downstream sides. Scale on some joints., top flange. No apparent change since last

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A**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)	1.0	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	2.2	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments Driftwood lodged in riprap right side almost to height of girder bottom.

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
1	Monitor corrosion, abutment, bolts, girders, deck joints.	Routine Inspection

2

3

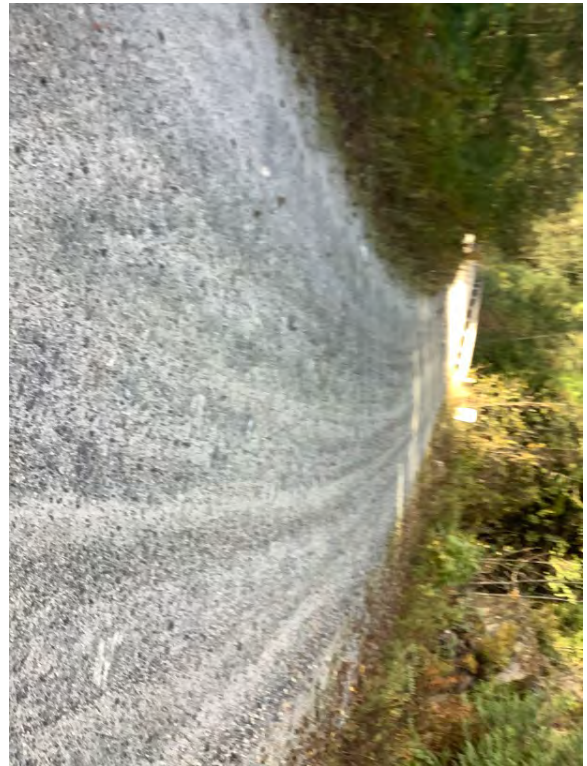
Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Load Rating Sign



Right Bank Abutment when facing downstream

Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream s DS



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Deck



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream - DS inside bolt



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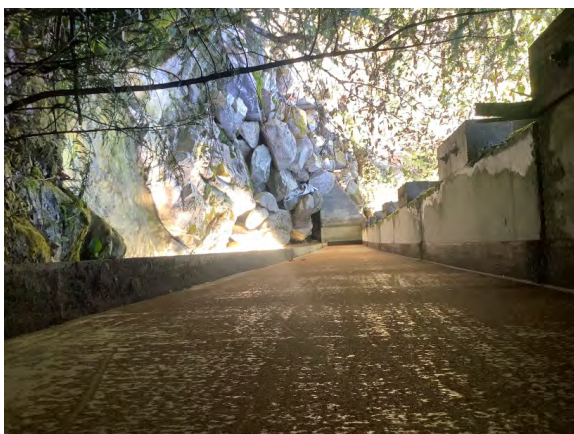
Right Bank Abutment when facing downstream - us inside bolt



Right Bank Abutment when facing downstream - us outside bolt



Upstream Profile - right side; rust scale



Upstream Profile

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