

SC-8001
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CLOWHOM 7.1km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude 49°44'54.7" Longitude -123°31'3.4"

Crossing Name Bear Creek

FSR # 7340 Branch # 01

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 °0'0" Longitude °0'0"

HD Diff. (m) 5537980.8 Accuracy (m)

Inspection

Date of Inspection 2021-10-19 10:20:35 AM

Inspector Name Richard Mills

Inspector Comments Serial/ID Plate

No changes noted to any monitor items since last inspection.

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Nov 16, 2021
Load Rating: L140 or 127 tonnes
Next Inspection: 2022
Comments: Continue to monitor annually.



P.Eng Seal

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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 Good

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Fair Slightly bent. No change since last inspection

Wing Wall

Bracing Fair No change since last inspection

Hardware Fair Bolts in right bent. No change since last inspection

Fill Good

Riprap Fair Missing left side. No change since last inspection

Bearings Fair

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Unrated** Unable to see

Deck Joints **Fair** Not flush with deck. No change since last inspection

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Slightly bent at centre, towards downstream. No change since last inspection

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
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1 Monitor girder, bolts on right abutment, left abutment.

2

3

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Approach from Left Bank when facing downstream



Load Rating Sign



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

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Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream

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Right Bank Abutment when facing downstream - ds side



Downstream Profile



Right Bank Abutment when facing downstream - us side



Corrosion Top flange of girder.

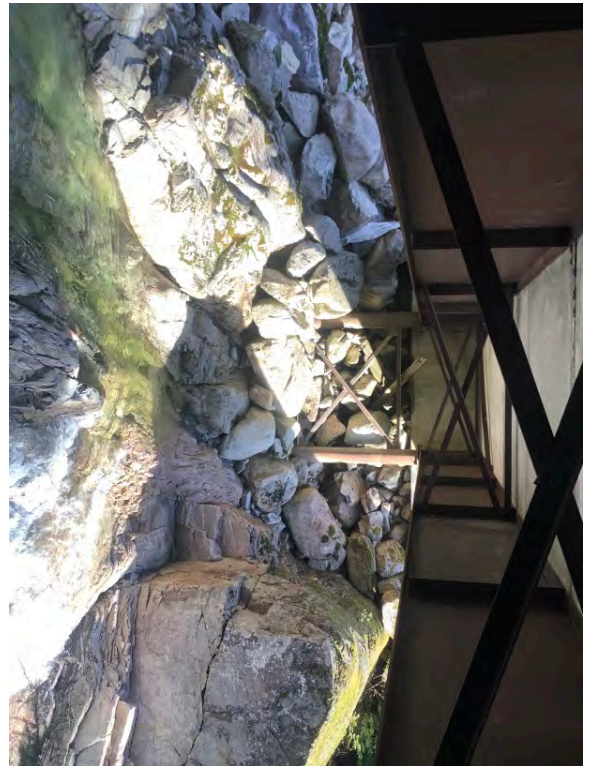


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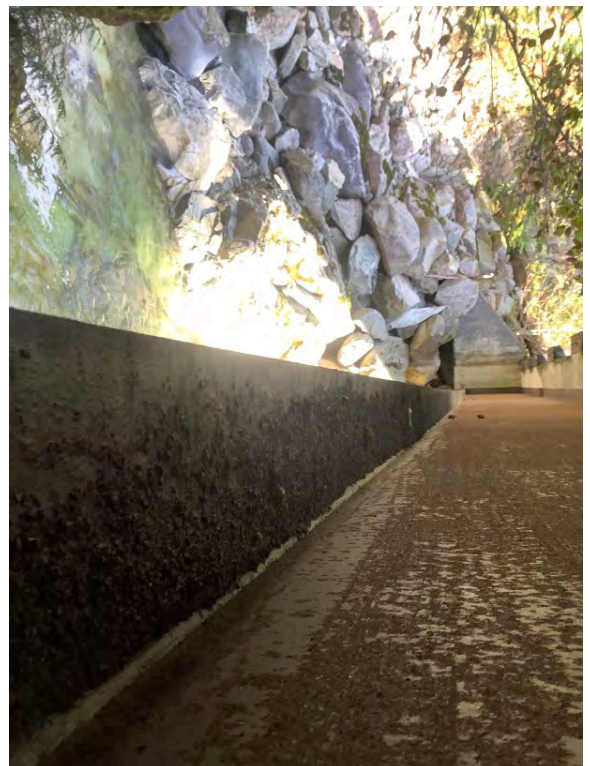
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Left Bank Abutment when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Downstream from Crossing