

CK-2065
CK-2065A

TAMIHI 8.3km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°1'9.69" Longitude -121°47'59.9"

Crossing Name Fumerol Creek

FSR # 5127 Branch # 6

Road Name TAMIHI

User km 8.3

Previous Load Rating (tonnes) 91

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 18.6

Deck Width (m) 4.3

Updated Data

Latitude 49°1'8.85" Longitude -121°47'59.82"

HD Diff. (m) 26.4 Accuracy (m) 10

L100 or 91 tonnes

Inspection

Date of Inspection 2020-08-20 11:01:10 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company FLNRORD

Inspector Comments

Downstream left bank riprap failure
Top of head scarp 3m from downstream pipe column

P.Eng Comments

Monitor the riprap condition at the downstream left bank. The current load rating of L100 or 91 tonnes to continue.



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Approach

Alignment Poor

steep VC left approach limits visibility

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 Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good Treated timbers

Wing Wall

Bracing Good Only visible at left bank

Hardware

Fill Fair

Riprap Fair Failed downstream left bank but does not appear any different from last years inspection

Bearings Good

Corrosion Protection Good

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Deck

Running Surface

Running Planks

Good

Sub Deck

Good

Treated

Ties

Good

Treated

Nails

Good

Deck to Girder Bolts

Good

Concrete Deck

Grout Pockets

Deck Joints

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 Recycled girders with minor corrosion

Diaphragms Fair 5 bolted bays

Bracing Fair

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	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 Downstream left bank riprap condition

Anually

2

3



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Superstructure



Left Bank Abutment when facing downstream



Downstream left bank riprap failure



Downstream left bank riprap failure