

CK-2065

TAMIHI 8.3km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°1'9.69"	-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	Longitude
49°1'9.9"	-121°48'.64"
HD Diff. (m)	16.3
Accuracy (m)	10
L100 or 91 tonnes	

Inspection

Date of Inspection 2019-07-08 2:14:47 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

The downstream left bank abutment riprap is scoured and needs to be monitored, especially when in use and following high precipitation events. The current load rating of L100 or 91 tonnes to continue.



P.Eng Seal

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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 ☐ 2Delineator 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

Hardware

Fill Fair

Riprap Poor Downstream left bank has failed

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 Light corrosion

Diaphragms Fair 5 bolted bays with light corrosion

Bracing Fair Light corrosion

Under Trussing

Hardware Fair

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments Left bank riprap has scoured and remaining riprap above scour will continue to ravel until a stable angle is achieved. The upstream portion of the riprap on the left bank is still intact and provides for scour resistance at this point. This bank will need to be monitored.

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1 Riprap condition at left bank

Anually

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Failed riprap at left bank



Right Bank Abutment when facing downstream



Superstructure



Upstream Profile



Upstream portion of left bank riprap