

CK-2064
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TAMIHI 6.3km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°1'57.6" Longitude -121°48'49.8"

Site Status Active

Insp. Status Inspect

Crossing Name Tamihi Creek

FSR # 5127 Branch # 6

Road Name TAMIHI

User km 6.3

Previous Load Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 27.4

Deck Width (m) 4.87

Updated Data

Latitude 49°1'57.78" Longitude -121°48'49.74"

HD Diff. (m) 5.6 Accuracy (m) 4

L75 or 68 tonnes

Inspection

Date of Inspection 2022-10-25 1:50:20 PM

Inspector Name Tyson Miller

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

The right bank riprap has eroded and shifted and requires repair; install new and repair the existing riprap in this location. Repair the ballast wall and deck panel consistent with the Concrete Repair Guide for Concrete Bridge Components (MoFLNRO, 2017). Brush approaches. Clean the sediment off the deck. Replace the missing delineators. The current load rating of L75 or 68 tonnes to continue.



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Approach

Alignment Fair

HC right approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Fair

Posted Load Rating 0 Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair Damage noted to top surface at right bank

Wing Wall Good Downstream right bank

Bracing Fair Appears steep at right bank

Hardware

Fill Fair

Riprap Fair Eroded at downstream right bank - requires repair

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface Fair Sediment on deck

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 5 bolted bays

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Area/sight line brushing. m². Priority:Medium	Brush approaches
2 Structure. Clean Deck. # of delineators. Priority:Medium	Clean deck
3 Structure. Concrete structural maintenance. m². Priority:Medium	Repair damage to right bank ballast wall and deck panel 1
4 Structure. Delineator maintenance. . Priority:Medium	Replace all 4 delineators
5 Channel. Add Riprap (placed). m³. Priority:Medium	Repair eroded riprap at right bank

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Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Right bank ballast wall



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Damage to panel 1 right bank



Left Bank Abutment when facing downstream



Superstructure



Upstream Profile



Right Bank Abutment when facing downstream



Right Bank Abutment riprap erosion