

CK-2067
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TAMIHI 10.6km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°0'37.4" Longitude -121°46'37.5"

Site Status Active

Insp. Status Inspect

Crossing Name Tamihi Creek

FSR # 5127 Branch # 6

Road Name TAMIHI

User km 10.6

Previous Load Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Compo Girders

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 24.6

Deck Width (m) 4.9

Updated Data

Latitude 49°0'33.04" Longitude -121°46'39.24"

HD Diff. (m) 139.5 Accuracy (m) 5

L75 or 68 tonnes

Inspection

Date of Inspection 2022-10-25 2:33:58 PM

Inspector Name Tyson Miller

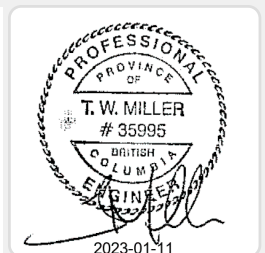
Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Replace the guardrail, risers, blocks and delineators. Repair the damage to the ballast walls and deck panels consistent with the Concrete Repair Guide for Concrete Bridge Components (MoFLNRO, 2017). Brush and grade approaches. Post bridge ahead signs. The current load rating of L75 or 68 tonnes to continue.



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs

Missing

☐ 0

☐ 1

☒ 2

Brushing Required Y

Delineator Missing

Left

X ☒ 0

☐ 1

☐ 2

Delineator Missing

Right

X ☒ 0

☐ 1

☐ 2

Fender Condition Fair

Posted Load Rating

Not posted

Road Surface Fair

Large potholes at each approach

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair

Damage to tops of both

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface **Fair**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Fair** Damage noted to the first panels at each approach

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Poor** Rotten

Hand Rails/Walkouts

Hardware **Poor** Loose rail

Overall Deck Condition **Poor** Due to rail condition

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Composite - hairline cracks noted throughout

Diaphragms Good

1 welded bay at midspan

Bracing

Under Trussing

Hardware

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)	16.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	2.0	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Full Curb Replacement. . Priority:Medium	Replace the guardrail, risers, blocks and delineators
2 Structure. Concrete structural maintenance. m². Priority:Medium	Repair damage to ballast walls and panels
3 Approach. Area/sight line brushing. m². Priority:Medium	Brush and grade approaches
4 Approach. Bridge Ahead Signs. Priority:Medium	Post bridge ahead signs

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Deck



Left bank ballast wall and panel damage



Upstream from Crossing



Downstream from Crossing



Guard Rail



Right bank ballast wall damage



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream



Superstructure



Right Bank Abutment when facing downstream

