

CK-2064

TAMIHI 6.3km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°1'57.6"	-121°48'49.8"		
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	Longitude		
49°1'58.18"	-121°48'49.78"		
HD Diff. (m)	17.9	Accuracy (m)	5
L75 or 68 tonnes			

Inspection

Date of Inspection 2019-07-08 1:47:05 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Repair the deck panel consistent with the Concrete Repair Guide for Concrete Bridge Components (MoFLNRO, 2017). Realign the left upstream fender log. Brush and grade approaches. Clean the sediment off the deck. The current load rating of L75 or 68 tonnes to continue.



P.Eng Seal

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Approach

Alignment Good

HC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating

Not posted

Road Surface Poor

Add material and grade approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Good

Wing Wall Good

Bracing Good

Hardware

Fill Fair

Riprap Fair Not much at right bank but footings far enough back

Bearings Fair

Corrosion Protection Fair

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**Deck**

Running Surface	Fair	Too much sediment from deck
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck	Unrated	Too much sediment on deck to properly assess
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Grout Pockets	Unrated	Too much sediment on deck to properly assess but no leakage noted underneath
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Deck Joints	Fair	
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Fair	
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Hand Rails/Walkouts		
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Hardware	Fair	
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Overall Deck Condition	Fair	
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Gravel Depth (mm)		
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Pier Deck		
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**Steel/Concrete**Girders **Good**Diaphragms **Good** 5 bolted bays

Bracing

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)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Clean sediment off deck
2	Medium	Brush and grade approaches
3	Medium	Realign upstream left bank fender log
4	Medium	Repair the concrete deck panel

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Potholes at approaches



Deck



Upstream from Crossing



Downstream from Crossing



Could use additional fill at right approach



Approach from Right Bank when facing downstream



D/S right bank wingwall



Panel damage at right bank



Left Bank Abutment when facing downstream



Superstructure



Right Bank Abutment when facing downstream



Upstream left bank fender log has fallen off road