CK-2067
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TAMIHI 10.6km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°0'37.4"	-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	Longitude
49°0'33.04"	-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

Recommended Next Inspection: 2025

Inspection Company: MoF

Inspector Comments: Serial/ID Plate

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

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	

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		

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	

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

Left bank ballast wall and panel damage

Deck

Upstream from Crossing

Right bank ballast wall damage

Downstream from Crossing

Approach from Right Bank when facing downstream

Guard Rail

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

Upstream Profile

Superstructure

Right Bank Abutment when facing downstream