CK-2475	NAHATLATCH 46.5km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°54'17.79"	-121°59'45.2"

Crossing Name	Nahatlatch River
FSR #	6996
Branch #	1
Road Name	NAHATLATCH
User km	46.5
Current Load Rating (tonnes)	20
Structure Class	Temporary 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)	36
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°54'17.49"	-121°59'44.06"

HD Diff. (m)	24.7	Accuracy (m)	10

20 tonnes

Inspection

Date of Inspection	2018-10-11 1:01:50 PM	Recommended Next Inspection Year	2021
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

Access to the site is limited due to CK-2478 deactivation

P.Eng Comments

Replace running planks, guardrail and risers. Replace missing log fenders. Brush approaches and update load rating sign. Present load rating of 20 tonnes to continue.

P.Eng Seal

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Approach

Alignment	Fair	Slight VC both approaches
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	Y	
Delineator Missing Left	( ) 0 (•) 1 ( ) 2	
Delineator Missing Right	( ) 0 ( ) 1 (•) 2	
Fender Condition	Poor	None
Posted Load Rating	68040	Incorrect posting
Road Surface	Fair	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete	Fair	Right abutment fill retainment structure, spall with exposed rebar
Caps or Sills	Fair	Steel I beam both ends
Piles or Posts	Fair	H columns
Ballast Wall	Good	Creosote timber
Wing Wall		
Bracing	Fair	
Hardware		
Fill	Fair	
Riprap	Good	
Bearings	Fair	
Corrosion Protection	Fair	

Deck

Running Surface		
Running Planks	Poor	Rotten and heavily worn
Sub Deck	Fair	Creosote
Ties	Fair	Creosote
Nails	Poor	Protruding
Deck to Girder Bolts	Good	
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	Rotten
Hand Rails/Walkouts		
Hardware	Poor	Loose rail bolts
Overall Deck Condition	Poor	Due to rail and plank condition
Gravel Depth (mm)		

Steel/Concrete

Girders: Good

Diaphragms: Good

Bracing: Good

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)	3.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	25.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace running planks, guardrail and risers
2	Medium	Brush approaches
3	Medium	Place log fenders or concrete no post barriers at approaches
4	High	Update load rating sign

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream

Upstream from Crossing

Approach from Right Bank when facing downstream

Downstream from Crossing

Deck

Approach from Left Bank when facing downstream

Guard Rail

Right Bank Abutment when facing downstream

Superstructure

Left Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Right bank fill retainment structure

Right bank fill retainment structure damage

Superstructure