

CK-2474
CK-2474

NAHATLATCH 46km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°54'25.09" Longitude -121°59'33.8"

Site Status Active

Insp. Status Inspect

Crossing Name Unknown

FSR # 6996 Branch # 1

Road Name NAHATLATCH

User km 46

Previous Load Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Removable

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 18

Deck Width (m) 4.3

Updated Data

Latitude 49°54'25.21" Longitude -121°59'33.42"

HD Diff. (m) 8.3 Accuracy (m) 5

Inspection

Date of Inspection 2022-11-01 11:12:58 AM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Load Rated by: MoF, M.Lowe, RPF, PEng, February 16, 2023
Load Rating: 5 Tonnes GVW
Next Inspection: September 1, 2025
Comments: Load rating reduced due to guard rail condition. Replace rails to achieve design load rating.



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y Road brushed in to the point of foot access only.

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Poor Logs have rolled off shoulder, can impact guard rail end on all 4 corners

Posted Load Rating 68040

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Good

Wing Wall

Bracing Fair

Hardware Fair

Fill Good

Riprap Good

Bearings Good

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 to panel 1 from left bank. Removable panels

Grout Pockets

Deck Joints Poor Rubber gaskets failing

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotten

Hand Rails/Walkouts

Hardware

Overall Deck Condition Poor Due to guard rail condition.

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Minor corrosion through

Diaphragms Fair

4 welded bays

Bracing Fair

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)	1.4	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	7	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	2.5	Ice	☐		
Comments	5' beaver dam directly upstream.				

Repairs and Monitoring

Repair Item	Repair Description
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- 1 Structure. Concrete structural maintenance. m². Priority:Low Low due to access
- 2 Structure. Joint replacement. m². Priority:Low Low due to access
- 3 Structure. Full Curb Replacement. . Priority:Medium
- 4 Approach. Area/sight line brushing. m². Priority:Low

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Load Rating Sign



Approach from bridge deck of Right bank approach when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Guard Rail



Guard Rail



Deck



Deck



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile



Superstructure



Beaver dam 15m upstream 5' tall



Bearing



Upstream Profile



Right Bank Abutment when facing downstream