

CK-2474

NAHATLATCH 46km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°54'25.8"	-121°59'31.9"		
Crossing Name	Unknown		
FSR #	6996	Branch #	1
Road Name	NAHATLATCH		
User km	46		
Current 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	Longitude		
49°54'25.07"	-121°59'33.87"		
HD Diff. (m)	45.4	Accuracy (m)	5
L75 or 68 tonnes			

Inspection

Date of Inspection 2018-10-11 12:41:39 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

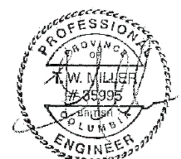
Inspection Company MFLNRO

Inspector Comments

Access is limited due to CK-2478 deactivation

P.Eng Comments

Replace the guardrail, risers and blocks. Replace all the rubber deck seals and repair the damage to the concrete deck panels consistent the Concrete Repair Guide for Concrete Bridge Components (MFLNRO, 2017). Brush approaches. Present load rating of L75 or 68 tonnes to continue.



01/02/2019

P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair Old logs

Posted Load Rating 68040

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Good

Wing Wall

Bracing Fair

Hardware

Fill Fair

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 noted to panel 1 at left bank; removable panels

Grout Pockets

Deck Joints Poor Rubber seals failing throughout

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 condition and deck seals

Gravel Depth (mm)

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Steel/Concrete

Girders Fair

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)	2.0	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments Beaver activity upstream

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace guardrail, risers and blocks
2	Medium	Reset all deck seals
3	Low	Brush approaches
4	Medium	Repair damage noted to the deck panels

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Load Rating Sign



Deck



Damage to panel 1 at left approach



Upstream from Crossing



Deck seals not functional



Beaver activity



Downstream from Crossing



Approach from Right Bank when facing downstream



Guard Rail



Deck clips



Left Bank Abutment when facing downstream



Superstructure



Right Bank Abutment when facing downstream