

CK-2023

CHEHALIS 21.8km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°22'38.49"	-122°1'45.8"
Crossing Name	Upper Bentley Creek
FSR #	8241
Branch #	1
Road Name	CHEHALIS
User km	21.8
Current Load Rating (tonnes)	136
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)	22.1
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°22'38.49"	-122°1'45.81"
HD Diff. (m)	0.4
Accuracy (m)	5
21.1	
L150 or 136 tonnes	

Inspection

Date of Inspection 2018-04-17 10:29:14 AM

Inspector Name Tyson Miller

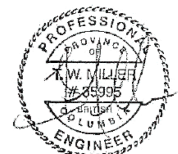
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks; and replace missing delineator. Present load rating of L150 or 136 tonnes to continue.



18/12/2018

P.Eng Seal

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Approach

Alignment Fair

HC right approach, HC and VC left approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Fair

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Good

Deck Joints Fair evidence of water getting through random joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Cored random side blocks and risers with significant rot

Hand Rails/Walkouts

Hardware Poor Loose rail bolts

Overall Deck Condition Poor Due to rail condition

Gravel Depth (mm)

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Steel/Concrete

Girders Good

Diaphragms Good 4 bolted bays

Bracing Good

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)	0.8	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	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	Low	Replace missing delineator
2	Medium	Replace guardrail, risers and blocks
3		

Item	Monitor Description	Frequency
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1	Deck joints	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Looking upstream from deck



Looking downstream from deck



Right Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



Superstructure



Left Bank Abutment when facing downstream



Minor damage to right bank bracing



Evidence of water getting through random deck joints