

CK-2020

CHEHALIS 6km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°17'43.19"	-121°58'.06"
Crossing Name	Pretty Creek
FSR #	8241
Branch #	1
Road Name	CHEHALIS
User km	6
Current Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	18.9
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°17'42.92"	-121°57'59.52"
HD Diff. (m)	13.9
Accuracy (m)	10

Sill -Temporary Materials

Inspection

Date of Inspection 2017-06-21 8:27:34 AM

Recommended Next Inspection Year 2019

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the guardrail, risers and blocks. Place a log fender at the upstream left approach. Monitor damage to deck panels 1 and 2. Present load rating of L165 or 150 tonnes to continue.



31/08/2017

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Fair Logs

Posted Load Rating 149,700 kgs

Road Surface Good

Abutment

Log/Timber Cribs Fair Only on right bank, log sill left bank

Tie Backs Fair

Bin Wall

Concrete

Caps or Sills Fair Treated 100mm x 300mm planks on top of both crib and sill

Piles or Posts

Ballast Wall Fair Logs

Wing Wall

Bracing

Hardware Fair

Fill Fair Failing on left upstream bank

Riprap Fair None in front of crib

Bearings Good

Corrosion Protection

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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 Wear noted on all joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotting risers and blocks

Hand Rails/Walkouts

Hardware

Overall Deck Condition Poor Due to rotting risers and blocks

Gravel Depth (mm)

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**Steel/Concrete**

Serial/ID Plate

Girders Fair

Diaphragms Fair Only at bearing locations

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

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Replace guardrail, risers and blocks
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2	Medium	Place fender at left upstream approach
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3		
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Item	Monitor Description	Frequency
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1		
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2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Failing fill at left upstream



Missing left upstream fender



Rotting risers and blocks



Deck



Looking downstream from deck



Looking upstream from deck



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Damage to deck Panels 1 and 2 on right approach



Upstream Profile