

CK-2022

CHEHALIS 15.2km

2019 Inspection



CBR iPad Offline Ver 0.28

CBR Data

Latitude Longitude
49°20'49.4" -122°1'28.5"

Crossing Name Statlu Creek

FSR # 8241 Branch # 1

Road Name CHEHALIS

User km 15.2

Current Load
Rating (tonnes) 64

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Concrete Precast

Abutment Right Concrete Precast

Spans 1

Total Length (m) 37.6

Deck Width (m) 4.8

Updated Data

Latitude Longitude
49°20'49.5" -122°1'28.7"

HD Diff. (m) 5.0 Accuracy (m) 10

L100 or 91 tonnes

CIP and Log Sill

Inspection

Date of Inspection 2019-03-28 9:58:16 AM

Inspector Name Tyson Miller

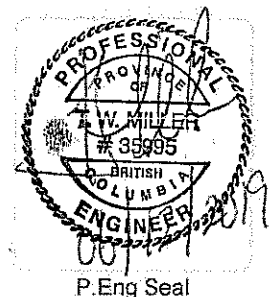
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the left approach log fenders with new ones, minimum 600mm diameter x 6m length. Monitor the condition of both abutments. L100 or 91 tonnes load rating.



P.Eng Seal

CK-2022

CHEHALIS 15.2km

2019 Inspection



CBR iPad Offline Ver 0.28

Approach

Alignment Good

 Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair Logs, small diameter at left approach

Posted Load Rating Not posted

Road Surface Fair Potholes

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Fair Old CIP left bank, lock blocks right bank with minor damage noted to 3 bottom row of blocks

Caps or Sills Fair Concrete cap right bank is good, log left bank is old and in fair condition

Piles or Posts

Ballast Wall Fair Concrete right bank in good condition, logs left bank

Wing Wall Fair Logs left bank and lock blocks downstream right bank

Bracing

Hardware Good Geogrid between lock block rows

Fill Fair

Riprap Fair Upstream left bank needs to be monitored as it is not well graded and has holes, also has old logs and large round rock for protection

Bearings Fair Keepers have separated from the bearing plates, but do not appear to be any different then previous inspections

Corrosion Protection

CK-2022

CHEHALIS 15.2km

2019 Inspection

CBR iPad Offline Ver 0.28



Deck

Running Surface

Running Planks Good

Sub Deck Good

Ties Good

Nails Good

Deck to Girder Bolts Good Only a few are visible

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

CK-2022

CHEHALIS 15.2km

2019 Inspection

CBR iPad Offline Ver 0.28

**Steel/Concrete**

Girders Fair

Painted girders with minor corrosion

Diaphragms Fair

6 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

CK-2022

CHEHALIS 15.2km

2019 Inspection

CBR iPad Offline Ver 0.28



Hazards

Estimated Present Water Level Depth (m)	2.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	25.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1 Medium Replace left approach fender logs with new ones, minimum 600mm diameter x 6m length

2

3

Item

Monitor Description

Frequency

1 Left bank abutment condition

Routine Inspection

2 Lock block condition at right bank

Routine Inspection

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Lock block damage at right abutment



Keeper at US right bank



New end diaphragm at right abutment



Left Bank Abutment when facing downstream



Lock block wingwall at DS right abutment



US splice plates



Right Bank Abutment when facing downstream



New end diaphragm at left abutment



Wingwall upstream left bank



Superstructure



Upstream right bank



Downstream left wingwall