

CK-2021
CK-2021

CHEHALIS 10.4km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°19'28.3" Longitude -121°59'10.8"

Crossing Name Boulder Creek

FSR # 8241 Branch # 1

Road Name CHEHALIS

User km 10.4

Previous Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Concrete Cast in Place

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 21.6

Deck Width (m) 4.9

Updated Data

Latitude 49°19'28.18" Longitude -121°59'11.42"

HD Diff. (m) 13.0 Accuracy (m) 5

L150 or 136 tonnes

Inspection

Date of Inspection 2020-05-21 1:53:20 PM

Inspector Name Tyson Miller

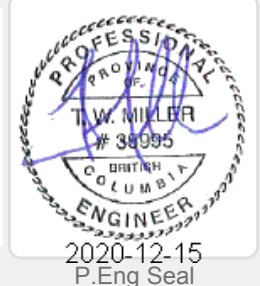
Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Brush approaches and monitor the vertical crack in the concrete abutment under the upstream left bank girder. The current load rating of L150 or 136 tonnes to continue.



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Approach

Alignment Fair

HC both approaches

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

Posted Load Rating 136090

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

CIP at left bank, vertical crack noted under upstream girder

Caps or Sills

Piles or Posts Fair

Right bank only

Ballast Wall Good

Wing Wall Good

Downstream right bank only

Bracing Fair

Hardware

Fill Fair

Riprap Fair

Large diameter pieces but o/a not very well graded or keyed together

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface Good

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Damage noted along both wheel path

Grout Pockets Good

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good New

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Minor surface corrosion

Diaphragms Fair 2 internal bolted bays

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

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Area/sight line brushing. m². Priority:Medium	Brush approaches

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Vertical crack in CIP at upstream left bank	Routine Inspection

2

3



Approach from Left Bank when facing downstream



Load Rating Sign



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Wingwall downstream right bank



Right Bank Abutment when facing downstream



Vertical crack in CIP upstream left bank