

CK-2025
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CHEHALIS 25.6km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°24'44.6" Longitude -122°2'36.5"

Crossing Name Second Creek

FSR # 8241 Branch # 1

Road Name CHEHALIS

User km 25.6

Previous 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) 17.8

Deck Width (m) 4.9

Updated Data

Latitude 49°24'44.24" Longitude -122°2'36.96"

HD Diff. (m) 14.5 Accuracy (m) 5

L150 or 136 tonnes

Inspection

Date of Inspection 2020-05-21 11:49:01 AM

Inspector Name Tyson Miller

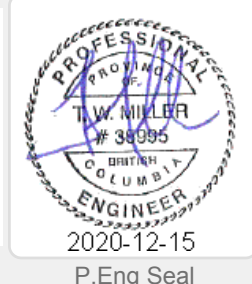
Inspector Comments

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

P.Eng Comments

Replace guardrail, risers and blocks. Brush and grade approaches. Replace missing delineator. The current load rating of L150 or 136 tonnes to continue.



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

Posted Load Rating 136090

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good BR canyon

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 Good Water getting through some joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotten

Hand Rails/Walkouts

Hardware Poor Loose rail bolts

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good Minor corrosion on flanges and web

Diaphragms Fair 4 bolted bays

Bracing Fair Minor corrosion

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Full Curb Replacement. . Priority:Medium	Replace guardrail, risers and blocks
2 Approach. Area/sight line brushing. m². Priority:Medium	Brush approaches
3 Approach. Approach surfacing grading. m. Priority:Medium	Grade approaches
4 Structure. Delineator maintenance. . Priority:Low	Replace missing delineator

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6

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Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Deck



Guard Rail



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream

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Superstructure



Left Bank Abutment when facing downstream