

CK-2026

CHEHALIS 27.4km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°25'14.4" -122°2'41"

Road Name CHEHALIS
User km 27.4
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) 23.5
Deck Width (m) 4.9

Updated Data

Latitude Longitude
49°25'14.52" -122°2'41.16"
HD Diff. (m) 4.9 Accuracy (m) 5
Chehalis
26.7
136
Permanent Bridge
N
Steel I-beam
Concrete Composite
Steel Pipe and Precast Pad
Steel Pipe and Precast Pad
1
23.0
4.9

Inspection

Date of Inspection 2014-09-09 1:22:31 PM

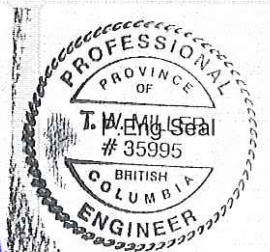
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace guardrail, risers and blocks. Brush approaches and monitor the deck joints and fill under the left ballast wall from eroding. Present load rating of L150 or 136 tonnes to continue.



File
Dec 5/2014

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Fair

Posted Load Rating 136

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good steel plates and rubber pads

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware N/A

Fill Fair log under left ballast wall supporting fill is rotting

Riprap Good

Bearings Good

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Corrosion Protection Good

Deck

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Fair 8 panels

Grout Pockets Fair

Deck Joints Fair moisture noted underneath, deck joints not grouted all the way the surface so water holds in these areas

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor rotten risers and blocks

Hand Rails/Walkouts N/A

Hardware Poor loose rail bolts

Overall Deck Condition Poor due to rail

Gravel Depth (mm)

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Steel/Concrete

Girders Fair minor corrosion noted on downstream girder at deck joints

Diaphragms Good 4 bays, bolted

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted shear connectors N/A

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)	Comment
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Hazards

Estimated Present Water Level Depth (m) 0.5

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 2.5

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 8.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	brush approaches
2	High	replace guardrail, risers and blocks
3		

Monitor Item

Monitor Description

Monitoring Frequency

1	log retaining fill on left abutment	Routine Inspection
2	deck joints	annually
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Deck joints from below

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deck joints from below - note corrosion on girders in these locations



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



deck joints not filled right to surface - 10mm below