

CK-2023

CHEHALIS 21.8km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°22'38.89"	-122°1'46"
Crossing Name	Upper Bentley Creek
FSR #	8241
Branch #	1
Road Name	CHEHALIS
User km	21.8
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)	22.1
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°22'38.51"	-122°1'45.75"
HD Diff. (m)	12.9
Accuracy (m)	5

Inspection

Date of Inspection 2015-07-17 10:02:28 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks; and brush approaches. Present load rating of L150 or 136 tonnes to continue.



Nov 20/2015

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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 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Poor loose rail bolts

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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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

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor sideblocks rotten

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Poor due to rail

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 4 - bolted

Bracing Good bolted

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)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m)	0.5	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	Priority	Repair Description
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1	Medium	replace guardrail, risers and blocks
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2	Medium	brush approaches
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Right Bank Abutment when facing downstream

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superstructure



Left Bank Abutment when facing downstream