

CK-2040

CHEHALIS-FLEETWOOD 3.1km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°23'1.5"	-122°1'22.9"
Crossing Name	Lower Bentley Creek
FSR #	8241
Branch #	8
Road Name	CHEHALIS-FLEETWOOD
User km	3.1
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)	15.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°23'1.33"	-122°1'23.41"
HD Diff. (m)	11.6
Accuracy (m)	5
2.8	

Inspection

Date of Inspection 2017-06-21 12:30:24 PM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

P.Eng Comments

Replace missing delineators and bridge ahead signs. Brush approaches. Present load rating of L150 or 136 tonnes to continue.



07/09/2017

P.Eng Seal

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Approach

Alignment Good

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 Logs

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware Fair

Fill Good

Riprap Good

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 Fair

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 4 bolted bays

Bracing Good

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)	0.4	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace missing delineators and bridge ahead signs

2	Medium	Brush approaches
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3		
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Item	Monitor Description	Frequency
1		

2		
---	--	--

3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Superstructure