

CK-2042

CHEHALIS-FLEETWOOD 4.3km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°23'26.99"	-122°1'14.5"
Crossing Name	Maisal Creek
FSR #	8241
Branch #	8
Road Name	CHEHALIS-FLEETWOOD
User km	4.3
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)	27.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°23'27.28"	-122°1'14.3"
HD Diff. (m)	9.5
Accuracy (m)	10
4.0	

Inspection

Date of Inspection 2017-06-21 12:43:39 PM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace missing delineator and bridge ahead sign. 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 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

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 Fair Some damage noted at surface

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Some wear on wheel path and under deck panel 1 on left approach

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good Treated risers and blocks

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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**Steel/Concrete**

Serial/ID Plate

Girders Good

Diaphragms Good 5 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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace missing delineator and bridge ahead sign

2	Medium	Brush approaches
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3		
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Item	Monitor Description	Frequency
1		

2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Right downstream bearing - typical all 4



Left Bank Abutment when facing downstream



Splice plates



Right Bank Abutment when facing downstream



Superstructure



Damaged deck panel 1 on left approach