

CK-2472

CHEHALIS-MAISAL 6km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude
49°25'11.6"	-121°57'57.3"
Crossing Name	Upper Maisal
FSR #	8241
Branch #	16
Road Name	CHEHALIS-MAISAL
User km	6
Current Load Rating (tonnes)	136
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	20.7
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°25'11.88"	-121°57'57.45"
HD Diff. (m)	9.3
Accuracy (m)	5

Inspection

Date of Inspection 2016-08-30 9:22:16 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace existing RH delineators with proper ones; and brush approaches. Present load rating of L150 or 136 tonnes to continue.



19/01/2017

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 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 Fair steel plates and rubber pads

Piles or Posts Fair

Ballast Wall Fair logs

Wing Wall N/A

Bracing Fair

Hardware Fair

Fill Fair

Riprap Fair

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface N/A

Running Planks Fair

Sub Deck Fair

Ties Fair

Nails Fair

Deck to Girder Bolts Good

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good

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)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	brush approaches
2	Medium	replace the RH delineators with proper ones

3

Item	Monitor Description	Frequency
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1	deck condition	Routine Inspection
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2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



looking downstream



looking upstream



left downstream fender



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



ties starting to show signs of decay



Left Bank Abutment when facing downstream



sub deck starting to signs of decay



superstructure