

CK-2044

CHEHALIS-MYSTERY 0.01km

2016 Inspection



CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude
49°28'38.6"	-122°0'2.7"
Crossing Name	Chehalis River
FSR #	8241
Branch #	11
Road Name	CHEHALIS-MYSTERY
User km	0.01
Current Load Rating (tonnes)	63
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)	37
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°28'38.99"	-122°0'1.83"
HD Diff. (m)	21.2
Accuracy (m)	5

Concrete Composite

Inspection

Date of Inspection 2016-07-21 10:12:28 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Post bridge ahead signs. Present load rating of BCL-625 or 63 tonnes to continue.



19/01/2017

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Good

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 steel plates and rubber pads

Piles or Posts Fair

Ballast Wall Good tops looked like they were cut

Wing Wall N/A

Bracing Fair

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 8 - 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)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m)	2.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	post bridge ahead signs

2

3

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Left Bank Abutment when facing downstream



bearing - typical



Right Bank Abutment when facing downstream



splice - upstream



superstructure

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superstructure