

CK-2047

CHEHALIS-MYSTERY 11.9km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°31'11.1"	-121°54'49.1"
Crossing Name	Mystery Creek
FSR #	8241
Branch #	11
Road Name	CHEHALIS-MYSTERY
User km	11.9
Current Load Rating (tonnes)	54
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)	10.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°31'11.05"	-121°54'50.97"
HD Diff. (m)	37.5
Accuracy (m)	5
0.2	

Inspection

Date of Inspection 2015-07-28 11:33:02 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair section of guardrail that has moved off its riser. Replace missing delineators. Present load rating of L60 or 54 tonnes to continue.



P.Eng Seal

Nov 24/2015

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Approach

Alignment Fair

VC left approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☐ 2

Brushing Required N

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 Fair plates and rubber pads

Piles or Posts Fair

Ballast Wall Good

Wing Wall N/A

Bracing Fair

Hardware Fair

Fill Fair

Riprap Good BR

Bearings Fair

Corrosion Protection Fair

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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 Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair repair section that has shifted off riser

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 Fair minor corrosion

Diaphragms Fair 3 bays, bolted

Bracing N/A

Under Trussing N/A

Hardware Fair

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	10.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	repair section of guardrail that has come off riser

2

3

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



guardrail off riser



Deck



Approach from Left Bank when facing downstream

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Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



fill ravelling under ballast wall on left bank