

CK-2044

CHEHALIS-MYSTERY 0.01km

2018 Inspection



CBR iPad Offline Ver 0.28

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	Concrete Composite
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°28'39.54"	-122°0'3.52"
HD Diff. (m)	33.4
Accuracy (m)	5
BCL-625 or 63 tonnes	

Inspection

Date of Inspection 2018-10-11 9:54:47 AM

Inspector Name Tyson Miller

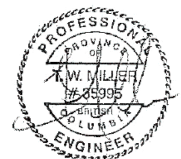
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the missing fender log at the upstream right approach; replace missing delineators; post bridge ahead signs and add riprap to the right bank abutment to help protect from further erosion and help stabilize the over steepened fillslope. Present load rating of BCL-625 or 63 tonnes to continue.



18/12/2018

P.Eng Seal

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Approach

Alignment Fair

HC right approach

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

 Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

 Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Fair

Missing upstream right approach

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Good

Wing Wall

Bracing Fair

Hardware

Fill Poor Fair at left bank but over steepened at right and will erode

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

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Steel/Concrete

Girders Fair

Diaphragms Fair 8 bolted bays

Bracing Fair

Under Trussing

Hardware Fair

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)	20.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments Fill at right bank appears to have been eroded, check previous inspections

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace missing delineators
2	Medium	Replace missing fender log at upstream right approach
3	Medium	Add riprap in front of right bank abutment for added protection and to help stabilize the fill

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Left abutment ballast wall appears to have been cut



Deck



Right Bank Abutment when facing downstream



Superstructure



Upstream from Crossing



Fill at right bank is over steepened



Downstream from Crossing



Deck



Over steepened fill behind ballast wall at right bank



Approach from Right Bank when facing downstream



Over steepened fill behind right bank abutment



Left Bank Abutment when facing downstream



Bearing pads at right bank