

CK-2033

CHEHALIS-STATLU 6km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°21'43.49"	-122°5'31.3"
Crossing Name	Alice Creek
FSR #	8241
Branch #	2
Road Name	CHEHALIS-STATLU
User km	6
Current Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Other
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	12.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°21'42.48"	-122°5'31.23"
HD Diff. (m)	31.4
Accuracy (m)	5
5.7	

Inspection

Date of Inspection 2017-06-21 10:04:02 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Replace missing fender logs. Replace missing delineators and post bridge ahead signs. Brush and grade 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 ☒ 2

 Delineator Missing
 Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor Missing left approach

Posted Load Rating Not posted

Road Surface Poor Large potholes

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good Cap/wall combo

Piles or Posts Unrated Buried but no settlement apparent

Ballast Wall Good

Wing Wall

Bracing Unrated Buried

Hardware

Fill Good

Riprap Fair Toe of riprap not tied in not stream bottom and is subject to scour

Bearings Good

Corrosion Protection Unrated Columns are buried in fill

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotting risers and blocks

Hand Rails/Walkouts

Hardware Poor Loose rail bolts

Overall Deck Condition Poor Due to rail condition

Gravel Depth (mm)

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**Steel/Concrete**

Serial/ID Plate

Girders **Good** 5 concrete slabs

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors **Good** **Welded****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)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair		Repair Description
Item	Priority	
1	Medium	Replace guardrail, risers and blocks
2	Medium	Replace missing delineators and post bridge ahead signs
3	Low	Brush and grade with activity
4	Low	Replace log fenders

Item	Monitor Description	Frequency
1		
2		
3		

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



Repaired slab



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream